```
gatgatatct cgcggcgtca tattgattgt tggacatcaa actgctgggt ttggaaacca    60

aaacctaatg gtcaattttc tacaaggagc acatactgta tgctactaga aggagcagca   120

gatcatactg tggatgaggc tttagaggac ctatggcagc tcaaaatccc tttaaaacca   180

acaatatttg cttggcgatt ggataaagat agaatcccta ctatagggaa ttttttcaaga  240

agacagctgg agaaaggctc tgcccaaccc tacaactatc gtgtctagta attatcaaca   300

aacatttttt attacggtag                                                320


<210>        9165
<211>        296
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<400>        9165

tcttgcgtag ccgctctngg tgctcagatt atcccaaaaa caaatccctc ttattactag    60

ctattttgaa ttctctagtt cctgaatgta caactttcaa attgttgttc gttcccctct   120

ttgtttttatg caaaaaatga aatcaatatc aaacaaaaca tgcatacaat tgtcatcgtt   180

attgctactt gaaccataag gaataccatc taaagaagta cttcaaaacg gttatttatt   240

tcttttggga tttttttgaat tacaatttga cttcaatatc taattctttta atgtac       296


<210>        9166
<211>        231
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<400>        9166

actaagcttg cagagtgatg acttccctnc ncaaatgctg cattatgtaa tccgccnnnc    60

acncccatgt acaggtttct gtatgtagga ttgggcctcg atcttacctc gaccacttat   120

ttgtgtgctc ttctttagca cttgaatgtg gcctctttcc aacttcgtcc gaataagagg   180

gccatggtga gggccttcga aattctgtgc ctcttcttca acattcgacc t             231


<210>        9167
<211>        435
<212>        DNA
<213>        Glycine max
```

<223>   unsure at all n locations
<400>   9167

agccaatgct atttgcaata accatcttcc aagtggacat tggacttgga aatttgaaat   60

ggggtttaat ttccacaaca tttaatggcc atgctgcgag aacattaatc gagaaggttg   120

accaagaaat gaagcaggaa aatcttaact taatactact acccatttg cataacccag   180

gtatccaata ttgggaataa ttaataggga aaaatcagtg gtgtagaaat gcattacact   240

gatgtggttg atgtatataa caattggaca aaagagaaaa agagctaggc ngatgttata   300

gaaagagaac taaacaagat caacgtaaca ttattaatga aagttctaat ccctattgtg   360

caaaacactt caaaaagaaa tcctatctag ccaccaaagc caagaaaact gtatagtcaa   420

tatcacctac agctg   435

<210>   9168
<211>   527
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9168

agttgtttcn nnnnnnnnna aggggncccc cncgnnatgg aaaccttann nnagtctatc   60

tcgtagcgcn caagctcnac gancgtacac gtnnaactac atgtatcctt cattggaagt   120

tcttagagtg gacatgcaaa ataaataacg ctgacactca aataagtcca tgattgagtt   180

gagtttgaaa attgaaaggg gtganataag atctgatctt tataacgtga gataggagtt   240

tcgaagtctt gattgtaaga gagttataac agtgatgtaa caactctaga tattccctac   300

ttggtaataa ttataggaga aaatcatagc tggtaaatat agttatagat attcatcctt   360

atagataatc aatggatata gaaattcatt atatagatat tcattctaga gatagtagtc   420

ctgtacctgt aagaaatata catttcctca aatcaattat gttttgtaca catgtggcct   480

atcttactgg gccattcccc actgtagata gcttcaccgg tggtccn   527

<210>   9169
<211>   446
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9169

```
catgacaaca acattattac ttacatgttt aatattcttt ttattcctgg aaccctttgg    60

tcgaccacgc ttctttggcc tcacaatctc acctaggcct gcaccttcat catcggcact   120

accttctcta acagaaagca atggcctttc agactttaaa actgtgataa tactcatcct   180

atctgaaccc tttggtcgat cacgcttctt tggcctcaca atctcaccca ggcctgcaac   240

gtcattctca gctntatctt gctcaccaga acacaatgat ctgttagact ctaaaactgt   300

gacattactt attctagttg aaccctttcg tcgaccaagc ttctttggtt tcacaatctc   360

acccagaccc acaccttcat cacctgcctt atcttcctca acagaaaata cagatctttc   420

agactctaaa aatgtgacat tattca                                       446
```

<210>   9170
<211>   278
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9170

```
gagatcttca ttctggttta atagattact ggaccactgt atcgattata ctatncagcc    60

gagaccatgt ctgagtctca tgagtctcta ctttaatcaa ttaccaagtg attgtgatcg   120

attacatcgc tcttgaaagt gttcccagta ctgatcaaga aaactttgat cgattaaatc   180

aagagtctaa tcgattacat tgttcttgaa agctttctag gtgttcggaa gaacactttc   240

atcgactaac aatgattatc taattgatta cttcttta                           278
```

<210>   9171
<211>   267
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9171

```
ttaagtcacc tgcggcatgc aagcttcttg ggtcctgcan acatgacaac aacattatta    60

cttacatgca aaatattctt tttattcctg gaaccctttg gtcgaccacg cttctttggc   120

ctcacaatct tacctagggc tgcaccttca tcatcgcact accttctaac aaaagcaagg   180

ctttcagact taaactggat atactatcta ttgaccttgt cacacctttt gcctacatta   240

ccagctgcac tatctagtta ttctaca                                       267
```

<210>   9172
<211>   400
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9172

```
tgtagagaga tcttcattct ggtttaattg attactgata tttgtaatcg attacactat    60

tcagttgaga ccatgtctca ttttcatgag tctctanctt aatcaattac caagtgattg   120

taatcgatta catcgttctt gaaagtggtt ccagtagtga tcaagaaaac tttgatcgna   180

taaatcaaga gtctaatcga ttacattgtt cttgaaagct ntctaggtgt tgggaagaac   240

actttcatcg attaaaaatg ataatctaat tgattacttc tttaaaataa tcgattaatg   300

tggcaatnta atcgattaca tgccaatatg attgtcttct ctatatatag ccaccttgtg   360

ttctcagctc ttacgactcc acattctagt cttcattcct                         400
```

<210>   9173
<211>   463
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9173

```
gtcacctgcg gcatgcaagc ttgtccattg gcaaagttac agaaggccaa tttataaaaa    60

tgatctattc agtcaattat tcttcaccat cattttttaat tatctaaagt tcattggttg   120

gatttaacat taacaattag tcagtcaagt tcaagaggac ttaattacat gggttaaaga   180

atatgtatct tttttctcc aaaaaaaaaa taagtccctt gatgcatttc ataagttaat   240

ggaaaataaa aggtgtagaa gaaatgcnat taaaggtgat aagccatagc aagtgtttgc   300

agtttaccgc ttgaactcan gtgactgctt atattngtca aactcttgca accattcttc   360

atccgagaaa ggagggagag taccggtgaa ttccaatcag tcattgaaga ccagatcggt   420

gagtcttgta aactcccgag caccaccatg ctgaacaccc atg                     463
```

<210>   9174
<211>   409
<212>   DNA
<213>   Glycine max

gcttcanaaa gtcaagcaga acagcttaaa gaagaacaat gtggcgatct ctgatgtaac   60

caatcatgct cggaaagaag agttagaaac tggccgttaa taatttgcat ctgtaattac   120

agaacttgat gttgcaaagc aagaactgag taaaattcgt caggggtatg atttatcctt   180

ggaagcaaga gtttctgctc tcaagcaaac agcagaagct gaagatgcaa tgaaggcaaa   240

catggaaaga gcatgtgagg tatcctaaag aaatttggtt gtgcaggaat cagttgagaa   300

aatgaatgct gaatctgtcc aagcacatca actgcaagaa gagacattag ccggacaaaa   360

agttcttaga caatcatatg aagccatcct tgaagaatca aaaaagaag   409

agctntaggc ctcactcant gttgngcctg cccttgtgag aactctttta tttgagaaat   60

aagaacaata aaaatatgct actactatta aaccatattt attttgagac tagaggtgtc   120

attggctttt gagatgtgtc ttttcttctt tttcttcccc ctccctctcc ttttttaaat   180

acttcagata ctacactttt tactggaatt cttattcgta cataaggcan aagagggttg   240

gggggagcat accatgtagt gatgcaaact tcgtggacag   280

cacggttgca ccggcctctc tagtgatcct ccaaagtgtt atcctgttca acactgcaca   60

tggagagtga gtcatcctcc acatcaagca gtgcaagaat tatatgcgac tgtagattac   120

taggtggaca cgcttcatcg tcaagcattt ctggtgcgtc caaagcatta acttgtaacc   180

tagcccgctt gattgcctcg gcgtcaccct gaaggagctn tgagatctgt ggtccaaatg   240

tccgagagaa tatccatgag attttcaata aaaaggacta atgtactgaa tgagaatatt 300

tctatggnga tcaaacaaga agataaagtt aacggctgca ctatagaggt cagataccac 360

attgattagg ataagcaaaa cgcagaaagt ccgtccattg tccaggatat acactcaata 420

tgcaac 426

<210>   9177
<211>   428
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9177

agctgggtga taagatcgcg agtttctagc caatctcaga tantaatgag aatgtntatt 60

ttctttgtga anaataagaa ccttaagatt attaatatat tatgctgcta tgtaagtaga 120

aatagccatt tcacatatac tgcacctttt tcttcaagag aaattcagtc aatgttgcat 180

tttactgata tccttaatac agtaagttaa tactcgaaac aggtaaatat ttgtagagtt 240

tcccttcaaa gacccgttga aaatggtcat gcatagatag acaatgccag ctgagcatag 300

tacaggacat tnnttgattt tgttggtctc gggactcata attcatgagc caatcactaa 360

tccaaatatt ggaaataaaa tatggaactg gcttacgtaa acagtaatta aagtacatgc 420

tcctacga 428

<210>   9178
<211>   330
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9178

tcccgcatcc gcacttggaa ggaactgatt accgccttcc ttatgttgta tcagtacgat 60

tctgatatgg ctcccgactg gactcagttg tagaacatgg ntaagaggga aagtgagtcc 120

cttaaagact acgctcggcg ttggagggac ctggtagcac aagtagcccc tcccatggtc 180

gaaagggaaa tgattaccat gatggtagac accttgccga tgttntacta tgangaaata 240

gtgggctaca tgccctccag cttcgtagac ttggtattcg ccagggaaag aatcgaagtg 300

ggcttgaaga gagggaagtt tgattacgtc 330

<210>   9179
<211>   264
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9179

agcttgagat agagcttgca agtgttagag ctagttgtgg cagcgaacaa tacttgtaac   60

tttgataagt tagtgaaaat ttggtggttg tcaagaatcg gacgtagtct caggatcgag   120

atgaaccaat ataaattctt tgtgtgctct cttgttgttt aaatgacaaa ggcgttgaat   180

ttgctnttag atcttatatc tctttctatt tttcaaggaa aactattttc ctcatcgttt   240

aatacagcct aaataaatac ctgt   264

<210>   9180
<211>   441
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9180

ggatgtagag ctngattgtg taagagtaaa aagtgatact aaacttatac ttgtaactng   60

tgtgaagtta gtggaaattg atgattttca agaattggac gtactctcaa tggtagagat   120

gaaccagtat aaaacttttt gcatttgatc tttcttgctt tcctttaagt tttatctaac   180

caaagggtgt gaatttgttt ttagatttaa atagatatct cgtggtttct aaaaaccatt   240

ttacatcatc taatagnttc tttgaaaaat ctataatatg ctctntacac aagtttatca   300

gatgaaaact ttgtttaag tgaaaaaga atttaaaatg tataaaatca gaattcaatc   360

cccattcgtg atagttgcct ttacattaaa taaaaagatg aaaatttaga tagatatcaa   420

agctgtgtta acatttgttt c   441

<210>   9181
<211>   303
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9181

agcttccatc ataagcgtng gtttagttgg ttttattctt aattgcaaga tatattntga   60

```
ctgaacaaaa gtcgttntaa ggcgttgcac catttaaacg atattttgat tcttttgag    120

ttgattttag ccttagtttc actttggttt ctagaaagta gtgacaaagt tatgcgttgg    180

ctttaggctt tcaaaagtcc acattttcac caaataaaag caaagaggat cattcaaggc    240

atcggacctt anaatggttt ttaggtgatg acaaaagctt gacttgtgag ttgattntag    300

cct                                                                   303


<210>      9182
<211>      445
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9182

ctatgctgca nacatntaca atagacttcc tcaacctcag cagcttattc aaccacagca     60

gaacaattat gacctctnca gcaacagata caaccctgga tggaggaatc acnctaatct    120

cagatggtct agccctcaga aacatcagca gaagcctggc tccttcttcc aaaatgctgc    180

tggcccaagc agaccataca ttcctncacc aatccaacaa cagcaatagc cccagaaaca    240

gccaacagtt gaggctcctc ccgcaacctt cctcaaagaa cttgtgagac aaatgaccat    300

gcagaatatg cagtttcaac aagagaccag agcctncatt cagagcttga ccaatcagat    360

gggacaattg gctacacaat aaatcaaca acagtcccag aattctgaca agcttgcttc     420

tcaaatctgt ccaaaatcca aaaat                                          445


<210>      9183
<211>      431
<212>      DNA
<213>      Glycine max

<400>      9183

ccctctgtaa ctggtttaaa cccaatcttc tttttcggcc ctcctcatta ttcgttctaa     60

agctctggat gggccctgtt gacatcctta tctcatcaca ctctttccta accttgaagg    120

ctgtcatctt gaactttctc ttgaccactt gcattctttc aagctccaca ttcaaagctt    180

gcacttcttt gctgttctta aggacattag ccttgttccc acttgaaata tttagttcgg    240

gagcccagtt ataccttgca tccgagcctt caaccattta tgatattcac caataacacc    300
```

```
gttgaagctg gcttcaagct ccttatactc tctttgccca cacttcatgc ttttctgact    360

cgtccaagca tctatgcaat tgcgtcacat gagacacctg ctatcatagg cgtgaaactc    420

tctttctatc g                                                          431
```

<210>   9184
<211>   192
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9184

```
ttggaagcct ntacaaggat ccagctagac taacacatag aaattgaact gtttgattga     60

tgttatcaac ggctcacaat gatttgttnt ggtaatctgt gtctttccaa accagtcaat    120

aagatgtcat tatatggtat ccatttgtta ttcgatgtgc gttcttttaa atcctaattg    180

gattgagatg tg                                                         192
```

<210>   9185
<211>   437
<212>   DNA
<213>   Glycine max

<400>   9185

```
agcttcatct atggcagcca agttctcagc aacttttaaa tataatctcc tagatccgat     60

caattggttc agtgcgatcc tgcacagcaa tcccttctga gacatcggcg agtgatttga    120

gattgcactt aattaaggcc tcaacgaagt agcaggtttc atctttggtg ttgccctcag    180

gtacatccac cacaaaagat tcaattacca gtgtacctgg ccttccatca ataatttctg    240

ggtggaggga catgatagat gagtagttct gaaagataag agatacaact tatgttaaaa    300

aaaattattg tgtcaggtga cacggacaag atagcttaat catttagccc aacttcttag    360

acaggccggg aaaacaaaaa tctatataat tactcatggt ggacgtaatg cttggtgcgt    420

ctttaataca tgaatat                                                    437
```

<210>   9186
<211>   405
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

<400> 9186

```
gacacttaaa actaagcttc gttttcataa atttaatgag caatttgccn ctatcttgtt    60

tttctttaaa tntactacgc cttccagttt tacgcttcct ttgtgtttca cttacactgt   120

cgtgtcctgt gtgctgggtg gtttttgcaa gctntggtgg tttttggcaa gttgttggaa   180

gtcgttgttc ggtgaaggtt aaatattggt ggtttctatc atagttgctc ttcttattcc   240

gttggaggta cgcattntat gattnttctg ttttttttt gtgtgttcat gttacagaag    300

aagcagtaaa atggcaagga aggttattca gtaaaaactt ctttcgaaag aagttccttt   360

taccggaaga agctgttctg gaagtaatgc tacttatttc ggaag                   405
```

<210> 9187
<211> 286
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9187

```
atccttaagt cacctgcggc atgcaagctt gaaagtgtgt aaccaaccat tnttcattgt    60

gaacaccggt aacgtgtata ctatcattgt gatcatcttt ttctctgtca ttgaaggtgc   120

cacttgagct gtcaagtccc tccacctttg ggcgtattcc ttgaatgact catngctctt   180

tttacacatg ttttgtagtt gcgttctatc cggagccgta tcataattgt actgatattg   240

cctaaccaag gcaaccatac gttcttccaa gaaagactcg ggaagg                  286
```

<210> 9188
<211> 366
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9188

```
aaagtatgcc cgagtcattc atccctatga gatgttgtcg atgtattggc gatcagaatt    60

gccattcctt ggatnatann ggtgaaccaa gctcatgctn ttacaaaaag gttcatcaag   120

tcaagttgaa atatggaagt aaccgtcttg caaaattgng gcaaaagatg aatngagtca   180

catcactgct tcgtctactg ccaaacatat ntaggattat tgatgntcct tgtacttcca   240

gtttcacctt gacaaagatg tcatggacca tgtngaaaat ctaaatngan tcaaccccat   300
```

atcttgcgta aaaattcgca atacttcaac tgtgcatcat tcgcatgcat ccatgctttt 360

cattgg   366

<210>   9189
<211>   422
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9189

agctntacat gttttcaaac ttataaaaag ctnttgaaaa gggaatttta gcttggacaa   60

caggttntat tatttaatta tagattgaga atgtttccag gtaagccgga atctatgtgg 120

tatggaacac tcatcatcaa tntcgtcaag ccacatggag ctatggtatt ggatgatcta 180

gccacanaga tgacatggat tgtgaatggc agcaggatca aacactactt gggtggtgat 240

gttgagagcc ttaccactat tgtccaatng aaggagtcta aaccatgaca agaacgtcca 300

gctaataaga tgttaaagaa gagctactan gaggcaacct aatgtttcta aactttgtct 360

caatttgtgt tacctgaatt ntatgtctcg ggttttgaa tatgtttatg aaatttactt 420

tt   422

<210>   9190
<211>   178
<212>   DNA
<213>   Glycine max

<400>   9190

atactcagct tatgatgttg aatcaagatg atcaaggagt tttgtgatat ctaagatgag   60

acaaaaagcc aagagaatag ttcaagattt gtgacaaagg atcaactgat gttttgatga 120

tgcccaagat acatgtttac acgctttatt cacgactcta aatcccgata ttcatgat   178

<210>   9191
<211>   439
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9191

tcttgagtca cctgcggcat gcaagcttca tcttcaatcc aagaagaaag tgataatgtt   60

```
tactntaatg atttggatga agatgatgat cttaacctt ntggaaaaag gttcaacaag    120

ttcctcagaa tcaaaggaaa tcaaaggaga ccaaatttta aacctaaaag aaggacagaa    180

gattcatcct ctacttcaaa atgctatgaa tgcaatcaac ctggacatct gagggttgat    240

tgcccgatct tcaagaaaag aatggagaaa tttgaaaaga aatatttag tgaaaagaag    300

gtgaagacgg cctacatcac atgggatgac aattatatgg aatcatctaa ggattcaaaa    360

tatgaagaga taaacctgtg tctaatgggc taaaagtatg aaagtgatga agaggtaaca    420

tcttcaaata acaacttat                                                  439
```

<210>   9192
<211>   357
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9192

```
agcttaggag aaaaaggtgg attcaccact agagattgtg gatcagctgg ctttggttta     60

acccgtgtag ttgtgggctc agcaggagca gcctcgtcgg gtctcaccaa tggaaagtga    120

gcttcaagcc aggctacttg cttaagaaaa tgctccatag gtatgaatgg ccctgtgtga    180

gccaactctc gcaggctgtg catgataata aactatcctc agaataagct ttgtagcata    240

gggactaaaa gttgagagcg ntggacaccc agtcctatgg ctgctgacgg aggagctaga    300

gtggatgatg aagggatgtc atctgttcta gccctttct tgatgccatc attacta       357
```

<210>   9193
<211>   369
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9193

```
agcttcatct tctattcagg aagaaagtga ctcatgactn ggaagaatta tctcagtctt     60

tntgtcaaaa gaattaacaa gtntcttaaa atgagaggaa atcaaagacg ccaaaacttc    120

aaaccaaaaa ggagaattga agaatcatct catactttaa gatgttatga gtgcaatcaa    180

cccgaacatc taagggctga ttgtccaact tttaagaaaa ggatggagaa atccgagaag    240

aagaactttg gagaaaagaa tgcaaagaag gcctacatca catgggatga taacgactta    300
```

gaatcgtctg atgattctga aaaagaagtg attaatctat gcctaatggg caaaaactat 360

gaaagcgac   369

<210>   9194
<211>   197
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9194

atgcatgcat atatgtagca tgtgactaac caacaagcgg ctaatcatag gggtcaggtg   60

cagctaaatg agagcttcta ccagtacacc ctacaccagc aaagccagga ccctagacct 120

ttcccgtggt ccactcccga gcagttnngn gccacagntg catggctgag agatacgctc 180

ctattttaaa caggggc   197

<210>   9195
<211>   427
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9195

tattgttgca ttctactaat atatggaatt gtccactgct tttgcttgat aataacaatt   60

gcttgaccac aacaacgctg gaggcggtaa gggacaatgg tctttcaaat aaacctgttg 120

tacatgaaca aagattatat catgcggtga ccgtgtcaaa tgaaccagcg aagtcattgc 180

ataattgtta tactaactat attcaatgta cctgaacaaa atgatttcca aacacgtgac 240

tgacacatat catgcggtgc ccagaagaat caggtggtga ttgacttcta agaggaaaaa 300

atgtcatgct nntgtgtcgg gacaacgata caaggattac attataccgt gatacaatca 360

catantccat ctnncgtata tccatccact tgtncacact aacctgaatc aaccaaacat 420

acacatg   427

<210>   9196
<211>   379
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9196

```
agcttgaacc tcacagaccc aattccaatt atcttttaca ggacttgttg tttccatgga      60

ggactgaacc accaacttgt ttgtcaagat cctcaaacca agacttgttt ggagtcatat     120

gaaatgaaca cccagagtcc aagatctatt tgtctcagtg ttcttatgag acaccattaa     180

agcctcagct gaatcataac catcttcaac tagagtagca tttccaggtt ctttagatcg     240

atcttgctgg tttcctttct gtctattagg acagaatctt cgagtatggc cttctctttt     300

acagtggtaa catctaatgt ttagtacatt agatccaaat cgagttggtg actnggatct     360

tttcccttct gtcttatca                                                 379
```

<210>   9197
<211>   395
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9197

```
agctggttag aattgttggt caataccatc aattacgctn ttaaaaactt atgactttct      60

tacaaagaag tgaaagaact atagctagtt cagagatggt gaagatcgaa ctaaacaagt     120

tttgattaac agtggctgtt tttgtttttaa tagtattaga gatatagatt agttcagtta     180

attacaagtt aattattaag ttagttaatt agttacaaat tagttatttt tgtaaccaat     240

tatgtaacat tactagcatt agttatataa ggatgaatgt attcatataa aaactgattt     300

actcatttnt agcattatcc aaattaatat ctcagttttc ttttctcttt tcatctttct     360

atcttaactc tatcaaatag tgattggaac acatg                               395
```

<210>   9198
<211>   335
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9198

```
agcttganat tgaataatgg aagctctcga gaaatataaa tggtcataac ttttcactcg      60

gattgccgat tcaggtgcat aacatatcga gacgctcaaa attgaacaac agaagctctc     120

gagaaattca aatggtcata agttttcaca tggatatccg attctgtgtt ataatatatc     180

gagacggtcg aaattgaaca acgactcgag aaattcaaat ggtcataact tttcactcgg     240
```

```
atgttcgatt caggcgcata acatattgag acactcggaa ttgaacaatg gacgctctcg    300

agaaatacaa atggtcataa cttttcactc ggatg                               335


<210>       9199
<211>       401
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9199

tgcatttgga anttgcgaaa gcccactcca tcattaggat tagttctctg acatctcaaa     60

caaacaaatc aaacgtaaca agacaattat agttgctgtt tgaatacctc acccactcaa    120

gtgtatcaca caattatggc tnttctctaa tgaaacactc ttgcctttta ccactctaat    180

tcccccttgag ttcttaggca attcaagaga ttatggccac aacaaagaac aattcaccaa   240

tatgtgtaag gtaaggctag acaaggaaaa ggttaaccaa gaaaaaggct aacaatgttt    300

ttaggcacaa atgaagggaa ataaattcag aatttaggaa ttcaagtaac aatccttcat    360

gcaaccaata tattaccttta aagaagtttt tttttaagtt c                       401


<210>       9200
<211>       454
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9200

agctggtctc agcgtttatg cgatacagag accattatgt tagccatcgt cagcangtac     60

caagaagaat taaatctagc cacggcccac aagcacaaag tggcagacga gtatgcccga    120

gtgtacgcgg aaaaggaggc tagaggaagg gtgatcgact cgttacatca agaggcaaca    180

atgtggatgg actgatttgc tcttactttg aactggagtc aagaacttca ccgatggcta    240

gccaaggcca aggcaatggc gaacacctac tccgtcctca aggagatcca ggaacttctt    300

agctattgtc agcatatgat agacttaatg gcccatataa ttagagaccc taggaagttt    360

gtattgtcac tcagatcttg actagttata actttctgaa taaaatgagt ttattccacc    420

gttttactcc aaaaatcagt gtgaatcaaa tcac                                454
```

<210> 9201
<211> 341
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9201

tcagacaact tgtgtaatcg attacaataa ggctgttatc gatgttaaca caatntgtgt   60

aattgattag gataaggctg taattgatct aaacaaagag ttctttcttc tgaagaaact   120

tttctaactt agaaatnttt cttctaactt actcatgata atgcatgatg cacaaaagat   180

atgatatgga ctaagatgca aaattcagta taataatcaa tacaaatgcc actcaaggga   240

gttgggcatg taaaagacaa aacatcttca agatnttgtc caaactccaa gctntagtct   300

ntattttgtt catgttgctc nctctatcta acaatctccc c   341

<210> 9202
<211> 460
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9202

agcttaacct ctaagggtta agcacctgac aacgtttaga gaaaaatatt ctaatggaaa   60

ataacaaccg taatggagct aaatacaaaa gctcgttata ctctaacatg tgctctgtcc   120

aggaatgagt ataacaagat ttgtagattg aagacaacca aagagatcta ggacatgctg   180

agaatcaact acgaatggac aagagatgtt caactgagaa aagttgtcac cctaacaagg   240

cgttatgaga ttttctccat gaaagaagga gaatctatgg atgatacgtt tggaagactt   300

caagtgcttc taaatggact tgaagctctg ggacacatct tcctcanagc tcanataaat   360

ctgaagattc tagatgactt tcttaagatg tggaatgtaa ttctcttcat taaataacaa   420

ccctaataaa agtatacttg ttcataacat aataatttat   .   460

<210> 9203
<211> 294
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9203

```
tcttctnttc tcaagttcag cttctccata gtaagaatac atgtgtgtta aatgctcaga      60

aattatgtgg aattcaagat gcattcccaa tgagcttgct tcttccacaa gcacattcat     120

actagcttga agttttgagt tttcttcatt gccagttaat ccggtgatcc ggagtgttgg     180

aggcccttca ggccttgaag aaagggccct tattagggaa gaccactgaa gggtatgctc     240

cattcctaaa tcaacaatgt gtatnngagc tctttcttgt gatgcttggc atat           294
```

```
<210>       9204
<211>       456
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9204
```

```
agctngatca accncattnt caatgcanaa catgttgatt aatcattcan acaatcacaa      60

acaagtattc tcaaactaaa tgcaattaac ataaaattaa aaaggactgg gtttcctccc     120

agcaagcgct cgtttaacgt cattaacttg acgcatctta ctttatgggt ctggatcaaa     180

tttggttccc accttcaaaa ccatctcttc ccatacttta tntacctctg aacaaacatt     240

ctagttgagc gaatgctntt ctttctcaaa taagtcgaaa cagatctttt gatcagcaat     300

tcccatctca agctntttct ttcccatgtc cactacatag ctagcggtca acatgaaggg     360

acgacccacg atcaagggga tctcagtatc ctcttcgant ccatcctaca aactcagctn     420

nggaaagtaa tgctcactct aaccaaacat gatgta                               456
```

```
<210>       9205
<211>       430
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9205
```

```
tatcctntct tgatntactg tgattactat ctacattctc cttttgtcta tcattcttcc      60

tttcaaagtt tctgttctaa gtgcttgctc ctcatgatan gttacccgat taactttntc     120

ttgtttcttt tttaccatca aggacaacct aaagtgtttt gctaattgag aatgacttta     180

aaagaaaaac ttatattgaa ttgctgaaca cctcgtttaa tcttatttct ttgtgatctg     240

gaaaagagat gaaaataaaa tttaattgta aggccaaaaa ccaatgtgat gtgttaatga     300
```

tcttgtttaa agggtggtct gcattagaat cgaagtattc accgganaaa aagttatact 360

tttcttgaaa aaatcttcca ttatgatttc atctttaaaa ccttccattc tactatcatt 420

tctattaact   430

<210>   9206
<211>   365
<212>   DNA
<213>   Glycine max

<400>   9206

agcttatcct tatggcttgc ctctggactt cacttttcgt gccaccctat aagatttaag   60

ccaagcccct actttcgagg ggcagctcca accttatgac gactatcccg ggcaagacga 120

tgaggaagga gatacccatc tcggtcctct gctccacctc aaagatccgt ccccccatga 180

actaccccaa ccgaacatag tccgccatat cccagcttta cctacacccg taaaagaatc 240

tgttcccgtc acggaagata ggggaaagat tgaggcgctt gaagagaggt taagagcagt 300

cgagggcctt gacaattacc cattctcgga tttggcggat ttatgtctcg tgcccaacat 360

cgtca   365

<210>   9207
<211>   482
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9207

ntgcactgtc atggatattc tcatggcaat atcgttacag catgtctgaa aagacaaacc   60

aatatccatc actacaaagg cacgcattcg taaaatggtg ggcataattt cactcatcca 120

aagcggatcc agaacaagta aaactctggt tccaatccca tccagaattc ctcaaagcag 180

ctgatccaga aacttctgtg tttntgaacc aaaagtctca tctggcagca tttttagcag 240

gatcgacatc aaaggaggtc ttagctaana atctgaagga atttctacaa atgttacagc 300

aggaagaaga agcttcatcc tcaaagaagg aagaaacaag ttctgctgaa gaagaagaag 360

aagatccctc ttaccaaaac gaagatgatt gttttggtat ctggttagaa ttaaattaat 420

ttcggtcaca aaacacgctg tttgtaataa tgtgtaatta atgctcgaca atactacctg 480

tc   482

<210> 9208
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9208

agcttaacat gtatagnatg tacacatcat cgatattatt ccaaaaggaa tgtgttcagt   60

tctgtaagtt aaggacgttg aagtataact tctcaatggt tcttttgaaa aattgcattt   120

gcaggtgcaa gaaagaaaag gactacctat ataagcatga agtttagccg cttcaagaag   180

ctgggacttg gctttgatat gcttatgaag gatagggaca caggctagta aattagtgtc   240

gagcaagagt aatgttataa actatcgtgc aaattatttt catgtattca ttatgaatag   300

aaagggttca atctttagtg acaccctgat attcgaatat ttgaaatgtg taatttgcta   360

agatgaaatt caatcgtcac gatatttcat ctatgcagta gnttgttgta tgttatgact   420

atggtgattn gatcgacaat tacactataa tgggga   457

<210> 9209
<211> 277
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9209

ctcatgaatg ccaatcatgc cagaaacttt ttgtgatggt tgttataaaa acgcgagnag   60

caaacactta agttaggtgg catcagaaaa tcggaaccaa tggcagcagc ctcactatag   120

tagcttgctg tatgctaatg agctcgctgt gccaaagaaa ttgcttattg gtgaaatagt   180

tgtgtctcaa aatatcacaa gatgaatgat gcctcaaaag gtggtcacta ctcactagta   240

gcagggttag tatcatgctg caatacatcc atcggtg   277

<210> 9210
<211> 443
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9210

```
agncttggca gatatgcgcg gtcataccag atcttttttt acttctttct tttcctccgc   60

gggccccagg tttaccaatt cagtttcttc ttggtgaggc tttatttcac gttcttcctg   120

agcgaccaac ctcttcaact ctggtgacag gacatcctct tcctcttcct cgtttatcgt   180

ttggcttata tctcaatcga aatcgattat cacaccctcg ttgttaggat cctcanagaa   240

tcgaccctca tatttatacc aaacaagaca aaagaaacaa atacatgcta aatgatatga   300

gaaaaggtgg aaccacaaga acagatgaaa caagatctct ttgtatattt aataacgtag   360

gtttcacaaa acaaaagaga aaggaaatct atatgctcta attacattga atcagcggta   420

tagacttctg attggcttat cac                                          443
```

```
<210>       9211
<211>       339
<212>       DNA
<213>       Glycine max

<400>       9211

acactatgaa actaagcttc ccaagttccc attgaaaacc ttattcaatc tttttatttc   60

tagtgagaag gataaacgaa aaattaggga acttcgaaaa actaaattct taattgaagg   120

cgtaggtgac aaccatagtg aattactaac caagattggt agtttactta aggtcatttc   180

agataccccc caagcctcgg aaaatacttc gaaaatggtt acaagaagta cctccaaagt   240

aattaatgtt atttatgaag atagtgacca aaactcagat aacacaactg agataggatc   300

agtgtcataa aagaatataa atccaattaa ttccaaaca                          339
```

```
<210>       9212
<211>       329
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9212

agcttctcat atttaagaag tttatntatt ccatttcttt ctcattctta gctgcgtgtt   60

tattctgacg tgatgaattc tataattgtg ggcacacctc ttgaaccata aaagaaatgt   120

cacatcttat tggctgaatt tcatggatat agctgttgta tcctattcca tgattctttta  180

atatttctgt tatcatttgt aggcttatag aacatgcatt tgtcgactgc cgctcatcag   240

cacatgagca tgtttggtat tggatattgg catgcatgtc ggacatatta gtagtagtac   300
```

aatctaatta ttcaattttg cactttct   329

<210>   9213
<211>   277
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9213

gagaaaggca tcaaaatttc tcttttatga ttatatattc cnncgtcatc ggctgngatt   60

tatattatta aatntctgta tgctcttaaa cttccacata aattggatga tgcttcactt   120

aatgactnga gttatgtgtt tgctatctat caaatacagc tttcttaatt atatatttga   180

actgtatgtt gactttcctg ttagttctta tcatcaaatt aaggggaaaa gtgagattga   240

aaagtattac ttctaaattt ccctcacata caacatt   277

<210>   9214
<211>   530
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9214

cgccccgcgt gaatcactgc gacacgcgat cctctgagtc acctgctgca tgcaagcttg   60

atggagtgta cacacccgac tctcctatta tgtttgtggc tgagggtgaa tctaatgcac   120

gtctgaaaga ccttgcaagt gtcctcacca aactgaattg tgcgggccaa taaatccatc   180

gtatggcgcc gatacgccta aatcccatga atgactttcg gggctgacca ccatggtttc   240

atagacatgg gcatgagcaa caagcggcga aggactttac tcccgttcga ggtcggagca   300

aacccacccc tccacgtgag tgcctctcgg agtgagtagt ctaccaccct gcacctagcc   360

tttttttgtcg aaagacttgt gcatactcga ctanattata tgcgtcgggc cgcggataaa   420

cctaactctt tacgtacctt ggcgaagaga agaacataga tggcgtcatg ttttataggg   480

ctgtgacata cccttttttgg acctgtaaca agcattttct cctccttctg   530

<210>   9215
<211>   481
<212>   DNA
<213>   Glycine max

<400>   9215

agctnttatt attaataaac gtattggttt aatgcatcan atagttatta ccatgattta   60

naaattattt atctaatttt ttcctagctg tctctggtcc caacctagag ctaaaccttg 120

tgacgtttta tcaagatttc aagggaaagg gctggtaaaa aagccagttt aacgagcaag 180

tattataagt aagtttttgt attatcaaac aataaaagct gattnttgtt atgaagactt 240

ttaaaataat tatatattat aaaaatcata aatttatcat acataataat ttaaaattag 300

atgacggtga atagtttacc atttattcaa aattaagaag aagaanaatc aatggagacg 360

gaagagaaga atggaatgat ggagaagtgc aattngaaat caaactcctt tacttcacat 420

atatcattta ctnggctcat aacgtatcca aagattttgt gaaaaaaggg aaaaaagaaa 480

c   481

<210>   9216
<211>   501
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9216

ctaatgaana atcatacttg ggatctagtt cctctgcctn cacacagaan accaattgtc   60

tgtaagtggg tgtttagagt gaaagaaaat gcagatggct caatcaacaa gtacaaagct 120

aggcttgtgg caaaaggttt aaatcaagtt gctggctttg acttttctga gactttctcc 180

cctggggtaa aacctgttac cgtcagactt atttcaacat tggctatcac taatcagtga 240

tcctaacctc atatcttggt ggtcccacaa gcagcaactt gttgctagat cccatacgga 300

ggcagaatat cgtagcttag ctcagatngc tgcagaaatc ttgtggatgc agacattgtt 360

gactgaactc aaagttccct tcagcactcc tattgtcttc tgtgataatc aaagtggcag 420

tgccattgcc cacaatccag tccttcatgc aagaacaaaa catatggaac tcgatgtttt 480

ctttgttcgt gagaaaaatt n   501

<210>   9217
<211>   492
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9217

agctntgata taacatgata tagttcttca cctatacana tatattaaaa tggagtgaaa   60

catatacttt ntatcttaga gaaataatgg atactaactt attttattca aaaaatttcc   120

aagtcgaatc taattgattg tgtggatgca tgtcatttgt gaagataatt atatgtaggt   180

tatttcatat gtgtacaaag aaacttgtgc tttatcttta gggaaatgg catcaactat   240

catatgcatg tgaagacaat ttgcatatat tgctcagttg anagatggac acactaaaga   300

ggatagaaca aaacatatnt cttctaaagt cttctacact cgatctttga aggaatggtg   360

atataaacat tcaacaaatt tgttcaagtg agaatataac agatntctnt acaaagtctt   420

ttgctaagga gaactntnta gtaatcggta cacaagaatt gaacttcgtg tcttatagac   480

aatcatctac at   492

<210>   9218
<211>   477
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9218

tatcccaata acactatcaa catagtatga atnctacact atgagaatcc taattactga   60

tattctaatc atttaacacc ttgaagggca tacatgatat taagtaacaa aagcaagcag   120

aagcttcttt cccattacca agcaaatgtt ctattctaga cagaacaagg agataaaata   180

cacctgttaa tagcaattgt ccatttactg tctataaagt cagttgctgc aagtaatgca   240

gctggccaag ccaaagcagt taagagtgag ctcaaaacag tcatcattgc ccctcgtttc   300

atagctccat cgcaagtcct gatgcaagtc acagcaatac taacatcatt cacagcacta   360

ctaataaact gantacttag ttttataagc acccctaaac ctacaacaat tacttgaagt   420

aagccaatct tgaattcagt gctcacagaa tcagatcttg actccactga gtgatac   477

<210>   9219
<211>   520
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

<400>   9219

ncccgcgtga tctgctgacc gtgatctcta agcacctgng ctgcagctgt gtcanaaaaa   60

cttatttgat tgaatgtctg taagcgcgcg gcctgctagt gagcctgtga gaaaccaacg   120

tctcactggc tcgcttagcg cagcggtcct ctaagcgaaa gtatcaaaaa actgcttaag   180

tgagtgtaac aacagttaca ctcacacttg ccagatttcg gaaacttcgt ctttgcattc   240

tctctctcaa aaatttgcac attttgcatc tgtgctttct ttttgcatta tcaacttcga   300

agcaaaaacc atacaccatc cccagaattc cttgattcct tttctctgtt ttcttggcca   360

nacttcaaga tagaagactt cacttgtagn ntagatttt aggggttaat gggttgtaga   420

ttagttaaga tangactatg acgctgttac tatatgagat gtgccacatt atgttgattg   480

cctttaagct ganaggcaga aacgacttgt tttagnatgn   520

<210>   9220
<211>   413
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9220

ttacccgttg aagatcgaag aacgatgaag aacgaatgaa gaacgtcgaa gaacggttca   60

aacctttgcg agattcctca cggaaaacgt tacggaaacg tttcggaagc gcctcggctt   120

atattttctt cacggaaaca atttttcaag caaattcgaa agagagagaa gtgcctaagg   180

ggctggaccc cttccttctt catttcttcc cctatttata gcaaaatagg ggaggtggtt   240

gccgcccagc tcgcccaggc gagcagggtt gcttccttca gaagcaaccg ccttctggag   300

gaatcttctg gagggcccaa atgggcctgg gtgctatntg cacccncatn tttactaagt   360

acacncccct ctgctgtttt tggtaattct ttttcgtaaa gtacggaaac tta   413

<210>   9221
<211>   419
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9221

agcttccttg agaagctaga gcttagctac acacncatct aanaactaag ctcacctctt   60

```
agacaaaata catgaaaata aaanaaaagt ccctactaca aagactactc aaaatgccct    120

gaaatacaag gctaanatct tatactacta gaatgacaaa natacaaggc ccaaaaaaag    180

gaaaaaccta ttctaatatt tacaaagaag agtggatcca accttgaccc atgggctgaa    240

aaatctaccc taaggttcat gagaacccta nggccttctt tagtagctct agcccaagcc    300

tcttggagtc ttctatccaa tacccttgng gggtaggatn gcatcactag ctagcttcgt    360

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```

<210>   9222
<211>   484
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9222

```
catggcttag tagtttgttc catgatcaat gacttctttt aattagctgg caacttatat     60

ggacagtagc taatttccaa cttatataga gatcatataa ggtactttta agatattcta    120

acatgaataa tcatattctg agatatttcc tagatacttt ggtgtcaacc tagtgaactc    180

ttaaattgtt gcaaggttgt tagccagatt gaatatccct cactggttga tctaaaggng    240

cttcttctag acttagttgc tcaactctaa ggtgctctgt ctcgtatcag gtatcccaca    300

tatcagagtt gtattttaat tntatccaac atgataaaaa ttatctaatg attatgaggt    360

taatacattt aatgaataca tcttcatatc aatcagattc attnngtttt gatacataca    420

caacatttnt atgggctcta cgagttatag acataatata nttttgtgac tgatctacat    480

atat                                                                  484
```

<210>   9223
<211>   478
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9223

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cctcatcgtc tctggcagtc tttagatttg ggagccaatc caatccttgt gttcggactc     60

tcagccactt atgatagccg tcgatgatcc cattactgct tcccctaagc tctctgtcct    120

ttcttcacgc cgcatcccat gccttgcgaa ctccttggag taccctcgcg ttgtggtcac    180
```

```
tgaaaccccg tgcgatgaaa ggcgtgatgc tttcgtctaa tggcgctcct ctcatggggt    240

agccaagctg tcttatggcg agaacgggat tataattaat acaacccctt gttcccatca    300

agggaacatt tggacatcct tcgcatgaag atagaatctt gattcttcct tccttctagc    360

gagggaacca attaacagac gccccccat gctagccaag agttggtccc aattcgcctt    420

tcctttntca acgcacgagc ggtgaccttg tagcggatag acgggcctac cttcttgg     478
```

<210>   9224
<211>   292
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9224

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agcttgtgca aatcanatca ctcctacatt tcatctctag catgcagttt tttctttacc     60

cactcctcac gtttggttnt tgtcaaggga aaaacaccat aactaaacgc gccacaaggc    120

attcctatcg caccagatcc aaatctagaa cgatgggtga tcaagaggag acacaggaac    180

agatgaaagc cgacatgtcg gctctaaaag aacaaatggc ctccatgatg gaggccatgt    240

taagtatgaa gcagctcata tagaagaacg cggccaccgc tgccgctgtc ag            292
```

<210>   9225
<211>   472
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9225

```
tctacttatg tggcagggcg ggtttccttc actttcttgt ttccaacgcg agctctgacc     60

actgttcttc cttcccgcga tgcttctttt catgtccgcc tgagtgggct tatagcctaa    120

accatacttc ccacgattcc cttgggtttt tatcagacta gttatgccac cattgtcttt    180

gcctaaaccc atcccgggtt cataaccgtt ccccaacata actcgggcca tcattaccgc    240

cgcatcggac agacaaggtt gcccacagag ggagtccacg gaggaaatgc tgaccacctc    300

anaagactgg aaagcggttt ctaacgattc ttctgcggct tccacataag gcatggagga    360

tgggcagctt accaagaata tcttctcgcc tgacacgaat gaccaagtgc ccctcactac    420

gaatntcagc tnttggtgga gtgtagaagg cacaactccc actgagtgga tc            472
```
```
                                    3915
```

<210> 9226
<211> 411
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9226

acactcgtcc ggatccttaa gcacctgcgg ctgcagcttg gaaagatngt ntcaccttct   60

cgctaagcca atcttctggc ttagtgagca tccnctaagc gcaacactac tgggctaagc   120

atgaggaaga atctagaaga agatgagttg tacaggtttg ctaagtgcaa cgcttcagtt   180

catccgctaa gggagaaagg cacgctaagc caaaaatcac taacatgcgc taagcggtcc   240

atacatgcac taagcgcacg agcacgaaca aggccaccta tttaagcatg aaatcagaat   300

ttgtgaagag agtttggact angattcaga gttttgcatg tctagggttt ctagagagag   360

aaaggtccaa gttctagaga gttttgacag aatctgctgt gtgaagatct a   411

<210> 9227
<211> 427
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9227

tctaaactnt atacaagaat gaagctcaga taccacttgt tggacaagtg gcctcagata   60

tcttaagaag gggggggggt tgaattaaga tatcacaaac tattccccag ttaaaaattc   120

tacttttaat ttaacccaac tacccaagat tccttttaaa caagaactcc ttgataataa   180

tgcaaattta tcttactaaa taaaaataat aagcaataaa tagtaaagga gtttaaggga   240

agagaaaatg caaactcaga tttatactgg tttgaccaca cctttgtgcc tacgtccagt   300

ccccaagcaa cccgcttaag agttccacta tcttgcaaaa tccctttaca agatctgaac   360

cacaccagga caaccccttcc tttgtgttca gaattcttta caacaagaga accttggtct   420

cttaatc   427

<210> 9228
<211> 414
<212> DNA
<213> Glycine max

<400>   9228

ctgagcagat tctatcgaca ataactgttt acttggatgt tcgatatagt cacgtaatat   60

atcgagtcgc tcgacataga atacacaagc tgtgagataa ttctgacgac ataactatc   120

tactcggatg tacgattgag tcacgtaata tatcgagacg cccgaaattc aatacagaaa   180

ctctgagcaa attctaacga caataatctt ttacttggat gtccaattga atcacagaat   240

atgtcgagac actcgccatt gagtacacaa gctctgagga gattcagata taaataccct   300

ttgactcgga tattcgattg agtgccgtaa tgtatcgata cattcgaaat agaatacaga   360

tgctgtgagc aaattctaat agaaataact ttatactcgg atgtgcgatt gagt   414

<210>   9229
<211>   443
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9229

agcttcgtta atgattatgc atatggtctg gtactaattc aaatttatta attccttttc   60

ttttgttata tatataccgg ttacgttata ataattgttt taggcatgag ggaactatag   120

ttagatatct cacagtaact aaaaaagtgg ttaatatact tctcataaaa cttaagcaaa   180

tgatccttcc ttgaagtagc tnttggaaag gaattaggtt tggttcattt ctaaagatat   240

atatatatat atatcatang taaaatttat tacgctctga aaaaaaatgg catggtgttc   300

tatactactt tttttttgaa cttcagccat tacaaaanaa cgtcatttga atatgttaca   360

tggcttcgat atgaatcaac tcatcatgag tactacattn tactattatc actttatgaa   420

gtcagtattt tatccccatt tta   443

<210>   9230
<211>   442
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9230

ttggctgcag ttgaattggc ttgaaccttg aagcttatga aatntttata gtatgatata   60

atgtggcatg acaaagttaa cttttttttc caaataaatt tgagcaagga agacagcttt   120

```
actttgatct aatgaatttc aacacatgat tagtttaaga ttactataat ctcattagtt    180

ggtgttgata atgattgctg ctttagtacg gagttgatca aggaatttca gacagtgaag    240

attacatttt ttttttgaag gagtgttgaa acctgtttct ctgcttttgg aatcctatac    300

tgaacttttg tctttatctt ttgctgtttg gaatgttagt gaagaacatt agatattgtt    360

ttaataattg gcatctgtta tgcatatctg aggagaatat ctttaagaca ctagaattta    420

catggtctct cacttggtaa gt                                            442
```

<210>   9231
<211>   437
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9231

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agctngctga tctggagagn tttgttcgtc aggtatgatg taatcacttc ggggagctaa     60

atntaattag aaattctaaa tcctcgtaca agtttttcct actagtcctt ctactgatta    120

aatgaataaa atattgagtt tttttaaaga tatttaatgt acttttttcat ttattacttg   180

agaatgaatt ctctcatgag gaaacttagt aagtttaata attattcact agttntaatt    240

aaccacgctc catctattta tacttatgaa gagagagata caanaattca acctatgtga    300

aattttgaca tgagaggatc tattcctcat tntctttaca tggggtatag gaaagctaac    360

acggatagng ntntatctta ctcataatat attatttgaa acccttgggt gtgcttaata    420

cttggncgaa taaaatg                                                   437
```

<210>   9232
<211>   363
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9232

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gcttttccac caccgcacgc gtaacagcac caacactttt tctataagta actcatatta     60

tcaacgttaa gagttcatta tttcatgtat gcatggctaa tatgaagaat cttccgctat    120

tatacataat aataataata caaaataaat atacattcta taataaaata atttaaataa    180

ctcctagaag tatttaccca ccaagacacg aaaatgaact ccagcaggct caacagggaa    240
```

gttcaaaata ttntagcacc aacgatttcg ctataagctc tggcgaaaca aggaacaagg   300

aggaagaagg caatatttta acacccaagc atcacgaaaa tggcgcgtta ataagcaca   360

cac   363

<210>   9233
<211>   410
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9233

gtcacctgcc gcatgcaagc ttgtaactct nggcaatttc ttagtcactt aanaagttat   60

gactttngaa ataatcttca gaaacaagtc acttgaagaa ttgtgacttt tggaaatagt   120

attttcgaaa tcagtcactg gtaatcgatt accattgagg tgtaattgat tacacatcaa   180

catatgtgac tcttcattnt gaattttgaa aatcttaaag tttaaaacac tagtaatcga   240

ttacagcttt tgtaatcagn tngaaaaaca atgcaagcta ctagtaatcg attactacct   300

tctggtaatc gattaccaga gagtaaaact ctttggtaaa agatttgtga aacttcatgt   360

gaactcaatg gtttgaaaac tttttagtac ttatcttnga tgagtcttct   410

<210>   9234
<211>   225
<212>   DNA
<213>   Glycine max

<400>   9234

tatgctgtac acatgtatta taaacctcct cagccgcgaa acctacagca atagaataat   60

catgaccttt aaagcacttg atactatcct agttggagga atcatcctaa tatcagatgg   120

gctattcctt cacaaacaca acagtatata tctccttttc tgaatgctgc tggtccacgc   180

aagccatata gttcttcttc aatgcagcaa ttgcaggaac aacaa   225

<210>   9235
<211>   199
<212>   DNA
<213>   Glycine max

<400>   9235

gcaagcaatt aatggggcaa aacacaccta atgattatga ttatggatgg ctcaaaatct   60

```
cacaaatgta aacctatcac tttctaattg agccttcaca attatcatga catgtagagg    120

aaaaacaagg attgtaaatt acaaaatgtc aacagatttt tatcttctga acgagtacca    180

atcccttgaa catatccta                                                 199


<210>      9236
<211>      268
<212>      DNA
<213>      Glycine max

<400>      9236

atatgtcata tagtgttgat aaaaatgttc aaataagtca ccagaatttt gaattgcatc     60

aaataataaa ataaaatttc aaataactta atgcaaatcc aactgagaag ataagaacgg    120

tagtagcttt taagctagtt catttctcat gagctatata aaataagctt gtgaaataat    180

aacttaatat tgtcaaagta acttataaag tgatcaaatg agcttatagt ggtggttgtt    240

tcgcccataa tattaacata attattta                                       268


<210>      9237
<211>      488
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9237

agctcgcgcc gagaaggaat gcacggagga natgcttacc acctcgaaag actggaaaac     60

ggtttctaat gactcctctg cggcctccac atacggcata gaggatgggc agctcaccaa    120

gatgtcttcc tcgcctgata cgatgaccag atgcccttcc actatgaatt tcaacttttg    180

gtggagtgta gagggaacaa ctcccactga gtggatccac ggacgcccca acagacagct    240

gtaggggggga ttaatgtcca ttatatggaa ggtaactngg catgtgtgag ggcctatctg    300

tactgngaga tctatctctc ccctaacctc tcggcgggtg ccgtcgaagg cacgaaccac    360

catngaactc ggctttaagt gggacgcatt gaatggtaat ttctccaaag tgctcttacg    420

catcacgtnt aaactgggaa cattatcgat aacactntgg ctatgatatg gtccatacac    480

ttgactga                                                             488


<210>      9238
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<211>   467
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9238

gtactattat tttgtataca cagtttctac attaggaagc cttgaaaata agctgaataa   60

ttatgataag taggccatta tgtcacaact aagccttcta atctgtcttt ctgaacaagg   120

tgctatttgt ataaatgtct ggcttgtttg tcacgtttag cttatgcatg tacttataca   180

ccaatttcta gagattctgc gaaaccatga ataataacta tgactgcata gctatgccat   240

gtaaatttac aatgtagttg ttggatttcc tttttaaagt tattagttta atttatgcat   300

ctattttgtt tattggaaga tgtgtatgta tgtcaaatcg ggttatgata tcatatacat   360

gatgtgtgga atacatntgt aatttcataa atctctcgtg atttcatctg atatatntgg   420

gatggaacat actagacttt taatgatgat cattttata tgataag   467

<210>   9239
<211>   567
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9239

cccttgatca ctcgacnccc gatcctctta gtcacctgac cgctgcaagc ttgtatagtt   60

ctccaattat ggntatttng gagtaaattt tgtaattaaa tcttgtttat ggggtaacgt   120

ggctctagaa catctncatt ggatttaatg atgaaatcta tgcattttca ggtgaaaaag   180

aagcttagtt ttaaaattgc aaaagtagca gttgggctaa gcgtaaatca ccgctaagcg   240

cagcttcagc gcgcttagcg caaaagagaa tctggcagag catcagcatc aaagctgcgc   300

actaagcgcg agatcagtgc gctaagcgta gcaggttcct tcagctaggc taagctcgag   360

actgacacct agcctaattt cactttactc gcgctagcgt ganggtgggc gctagcgtag   420

cgtcgcgatt tcagagtcta tttaaagtct gtcttgtgca aaantanggt acacctttta   480

tgccaccttt tangacataa ttccagagca gccacaggcc tatttggnga aaagtgccct   540

taagcagana agaggacaac ttgtgat   567

<210>   9240

<211>   281
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9240

cactaacaaa actggacaaa agaaacacat attccaatcc aaattcagtt gaaataacaa   60

gaacaaaaaa tagaaagaaa taaaaaatat ataaatacga accaaaaatg aggataaaag   120

gattggcata tccagcatca ccatgaacaa aaaatcgacc acctcgtcac caccaccaca   180

aatatcgcac cttcgccatc tcagaattnc aaagtcgttt cttaccccaa acctgtcttc   240

aactccgatg attccatctt cgacttcttt agaaatgtca t   281

<210>   9241
<211>   424
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9241

ctataaaaga ggaagaagag aaggagaata gacaccaaat attccagaga atacaattcc   60

ttatagaagg taaaactaga agcaggaaaa tcaatcatta ggaagtattc cttcccttca   120

ttccctttct tacttacccc cttcactact cattaccctc ttgcaatggt aaagcatttc   180

atgacaatga gatgctaaaa cctctcttgg ttggagctta caaccaattg cttttgatga   240

attactcttc tatctagtaa tgtatttaat ttcatggctt tttttcgtgc taatttaatg   300

atggnggttg atcaccatat tatggaagtt taggggtgca tgagaatgtt atcttaaaag   360

actaaaaang gatataatca tcattataga tatatgattt attagctata tacatgctat   420

tcta   424

<210>   9242
<211>   396
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9242

atgcatgcta agctataagc tctacaactg aataacactt ggactcttac cattcttcct   60

cctcacaaaa ctgccattgg gtggtcgtgg gtatataaaa tcaaataaat aaatgatggg   120

tctatagaaa gatacaaggc acatttagtc acgaaaggat acacttaaac agaggggttt 180

ggattatctc gataccttct cgccagttgc aaacctcacc accattcatc tncttttcta 240

gctntggttg ctttccatca atggcatctg cgacaactcg atgtgaataa cgccttcctt 300

cacggtgagc ttaatgaaga gggttacatg catgtnctct ctggacttct agtcacaagc 360

ccgaaccacg gttggtcgct tcaacgatct ctatat   396

<210>   9243
<211>   529
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9243

cgctgtcctt cgacntgtga tctcgagtna actgccgcat gcangctnnt atanaagaga   60

tgacccagag ggtcacggtg aactatctct tcaatggtag ggagggaaaa aaatcaaagg 120

agctgaattg gagcacgttg aagaatactg gaccacacgc ctgggcttaa cgcatgctgt 180

gtgacttaac acacaccttt agcgtgaatt tacgaaaatt cctaattttt ggttatttga 240

gtaatgggct tgagcctgat gtgaatagac cttatggtta cttgttgaca agtgtccaat 300

tcattttaag tagtaaaaga cctggaagtc cgagtgtaaa ttcaagggac tttggttgac 360

ttaagtgatg caacctcatt ttaagcatga gagaagtaaa agataagact ggagtgtgaa 420

attgggtcta gaaaagaaga ataaagataa taacatggtt aatgcgaaga gaatcagatg 480

tgatatatgg actacatgca aactctatat gcatgtatga ttcttatat   529

<210>   9244
<211>   490
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9244

tgaagcttaa ggaaaagctt gaagaagttn tggctttcac atgcttaact cccttgaatg   60

gcatttgtat tggttgttat cttggttgtt gcaccttagt atatttgata tttgtttttgt 120

attgtgcatc atcatagtat gtgtggagac aattttctaa gttagacaaa tttctttaga 180

ggcaaaaaca ctctatttta atcgattaca acctcattgt aatagattac aacaagttgt 240

ctgaagcttg tagagttaag tcccatatcg gtttaatcga ttacggcaat attttaatcg   300

attacaccgc tgtttgagat aatgactgat ttattcaagg gtctccgctc taatcggtta   360

caaagtggat taatcaatta tttctctctt gtttaagtgt tcagaggtga acaagaacac   420

tntaatcaat tacttaagtc atctaatcga ttacattgtt cttgagtttg tttcaaatgt   480

tggataacac   490

<210>   9245
<211>   448
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9245

agcttctttg gcatcatgtt gatccgaaag aaccttacgg atcaacttga tccgtanaat   60

gtatgaacaa cgtttacgga tcaagttgat ccgtaacatt cacgttcaat cttatttttt   120

taaaaatgct aaatattaca aaaatatcaa agttaagtat actctaagaa gaccaacttc   180

aagctcttag gcgtgagttt acaaaagctc anaactatat aaaaatctta aattgtcttt   240

caaggcatgg agcaaaaaac catgatataa accttactta agagatggag tctactacta   300

ctctaaccaa taatattttg tttcaagata ggatagttta gtgtgcattt gtttgaaagg   360

aaagaaacaa tgtacaaggg aaagtttgta ctttgttttg tcggatgcac atctctctac   420

tttaattcaa aagaatatct tctatttc   448

<210>   9246
<211>   386
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9246

agagcttatc gaccatattn tattccttta ttttcacgtg acgacctaca ataatggctg   60

gtatattctt ccttttgaaa cagcaaaata gtttagagat tatgagcggt nagaaagaaa   120

tgactccgaa tagagttgtg aactggccat tcaggactct atagtgagga ttttccttct   180

aaacctaatt attgtgaaaa gagaaagaaa tgaaaaaaaa aagaaaaaaa aattaccatg   240

gttttttgtta tttaaatcat tactattaaa ccagtcatta ttttggggac gccacaacgt   300

gccctcttgc gggcaagcga aggtgaggct cacgggtgcg ctttccaaag gaggaaagat   360

gcgcggagtc accaccaacg tttatt   386

<210>   9247
<211>   381
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9247

agcttatcca ganatcgaag cactatgatc ttctgctgaa tattaggttg agaaacattc   60

tctaggaccc tgagaacaat catagggaaa aaaactccaa tttctgcctt caatccagct   120

ctaaatcttg acaccagact gatgaaaatg gagcatgaca gttgaaacac aatcaaaaga   180

gttgaagcac tgttcttcaa caaggataga cataagtact gcttgatggc gcctaaaaac   240

ctgctcatcc acaaccaaat ttaaccatca ggactatttt tgtcatctgg aaaaattatg   300

aagtanaaaa aaaatatagt gtcaagtggt gtatagaaca aagaaagaaa atgttaattt   360

gcattaatga tgagggacaa a   381

<210>   9248
<211>   456
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9248

tatntaaaca atatataatt gatgttntgt agtctatgat caatgtacac atgtaacatg   60

ttataccttt catcattctt ccttcacttt attcttatat tactcttata aaatttatac   120

ataatgctta tttttttatca actttagtcg agtgatcagc ctctaatttt aaaaaatttc   180

cttacaaata tgttgataaa taaaaaatat tttaagttat acgaaatctt tttatcttct   240

ttaataaaaa atgatataaa atatctttt gacaattata tttttaaact tagtttatga   300

aagaaataat ttatttaaat atttctttaa tgatttataa attggcgcaa cccgtgaatg   360

tgtgtctagt tagttttaac agtcaaatac acgttctgta gtattaccac ttaccagtgt   420

aaatggctag ttcctaaaaa ttctacaata cacttt   456

<210> 9249
<211> 475
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9249

agctntctga aatntctgaa tgaagagaga gatattggct ntntaanana aattattttc 60

ttttcctatt nttttttctc ataaagcact ctccacttgt cccattttaa gtggagcaat 120

aagggcccac ctttntccct tgatttgact tcatactcag ccacaaagga gaaaaaaaaa 180

ctgaccttnt ggatgttgta atcctgtctc ggtttgcatg ccgcctctct ggttccaatt 240

cctcgcgttt ctatgcaccc gttggggccc gttttcgaaa gttggcaata tatatatcan 300

aacgctcaga atgagaccct gagcgtggtt cagagggtgg tttcnngtaa atttaagttc 360

cacgccaaat ggataatttt agactaattc attggcgaat aatctataac tggtccagta 420

tgggatactc ttcgttaata gtctaacccg cgtatctttc ccccatgtac atact 475

<210> 9250
<211> 395
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9250

ggccacccag cttgcccagg cgagctaggt tgcttcctcc agaatgcacc gccttttgga 60

ggaacttcct ggaaggccca agtgggcctg gttgctattt gcaccccctg tttactaaat 120

acacccaccc gccttttttt gctgattctt tttccgtaac gttacggaac tttacgaatt 180

ccgtaacgat acttgttttc tttccgtaat gttacagaac cttacggatt acgtaatcat 240

ccctttttg gctttcagaa tgttacggaa cctcacggat tntgcaacaa tacttccttt 300

tgatttccgg catgttacga atcttcacgg attgtgcaac aatgctttct tttgacttcc 360

ggcacgtcac gaaacttcac gaattgccta acgat 395

<210> 9251
<211> 419
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400>   9251

agctntagaa gaccgtggaa ttagccattg gtgtgtggcc tgtgatcttc tgtggactag   60

ttngacccct ttgcttgaca ccatgtggcc caagtactcc acctgngttt gggcgaagga   120

acatttcgag agcttaatga agaactggcc ctgcaacaaa accttgaaag ccaattccaa   180

atgaagtaaa tggtcattga aggagctact ataaattagt atgtcgtgat gtggacatca   240

aagcccaagc ccatgacaac caccagcccc aggcccatga ctagatggaa gcccaagacc   300

caatacaagg cataggaaga cccatgacaa gagcaagagc taaaaaggca caagatgctt   360

tggacatatg gtgatattct gagggtagtc aaatgcangg agaggccaac acttggagt   419

<210>   9252
<211>   390
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9252

ggagggagaa ctggatgcct tggtcaacct agtaactcag cttgccatga atcagaaatc   60

tgcatctgca cctgttgcaa gagtttgtgg tctatgttct atagcggatc accctgtgga   120

gcgggagcat ctttaatgaa ataatctgga gncaangagc aacctgaagc ttatgctgca   180

aacatttata atagaccccc tcagcagcaa aaccaacaac aacaaataca atctaggttg   240

gaggaatcat ccaaatttga gatgggcaag tcctctacaa caacaatagc ctgtccctta   300

tttccaaaat gttgctggtc caagcaagcc atatgttcct ccctcaatgc atcagtagta   360

gtaacaacaa caacaaagac aacaagcaac   390

<210>   9253
<211>   433
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9253

agctntaagt ttctgcacac ataggagaac agtacacatt gaattggcat gttatcagca   60

aataaaatcc aataaatcta taattaggtc aattaanaat gtccctttat gcatagaccc   120

acccaaaagc atgggtaatt actaggtgaa agctcatgaa tgcatagacc taccacctac   180

```
tttatgctaa aattcaatag ttaatcataa gagggtaaca aaaagataag catcccaact   240

taactntgat atcatgcaaa aaaaccaaca tttcaattat atgttaagct accagacaac   300

agataaatta aaaaaataaa aagtaaaaaa gagctacttt taagtttcta cacacagtag   360

aacagtacaa ataaaatagg catgctatcg gccaatgaaa tgcaatanat cttttaatca   420

agtcaattaa aat                                                      433


<210>      9254
<211>      432
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9254

tccatcaagt ggtaatcaga gcacaagagc ttcaagtagg tgctccttaa acctccattg    60

ngttttttgct ttaccttctc ttccattgtt gtttcttcat ttttctccat gtatctcctc   120

acatgtcttg tgctaaatgt tgttaacatg attctttaga gtttccacca attaaacttg   180

ctatggaagc tatatttgat tttctatggt tcaaatttat tgttcttgtt cttgaaccat   240

gaattgtgtt gagtttaagt tcctttgagt tttgtcttgt tattttttgt ggctgaatcc   300

taaaccataa aattcttaca aaaatattaa agtagaagaa aacctcacaa atctagagtg   360

acttgttcac ctattgtagt tntgtcatag aagtcatgtc tagtcatgaa acttgtcaca   420

taagatttct ta                                                      432


<210>      9255
<211>      328
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9255

agcttatcat tacacagtag caagtagctc aaatcatttc actttatatg attaggcact    60

ttcaacaaga taggtaattn tggcttacat gcacctttac cattgcctat gttaatagga   120

ttacgaaaag catggcatgc atctcaacca gatgtttaaa attaattaat gataaccgta   180

taacaagaag cagaatcttg gcaatgaaat cagccgcagc aaagaaaagg aaaaccaatc   240

agatcccaca aatagttaag ctggtacaac agaattcatt cgacttcata aattaaaaac   300
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tatcgcaacc atttacatca caatacct

<210>   9256
<211>   371
<212>   DNA
<213>   Glycine max

<400>   9256

gtctgcgccg ggttaaagtc ctacaacgat actcttcaaa tattaagagc cttgtgcagc   60

tgaagaagct taacctactg gggttaaaga ctcatgattg tcacatgttg atgcaacaat   120

tgttagccgt ggtcatacga gacatattgc ctaacaaagt caggttagcc ataactcgcc   180

tgtgcttttt cttcaatgcc atgtgtagca cagtccttga tcctgtcaag tttgatgacc   240

tggaaaacaa ggctacaatt atactgtgcc agctggagat gtattttcct cctgctttct   300

ttgacatcat ggtccactta attgtttaac tggtcagaga atcaaatgtt gtggtcctcg   360

ttatctgtgc t   371

<210>   9257
<211>   219
<212>   DNA
<213>   Glycine max

<400>   9257

cccccccccc cccccccccc ccgcccccccc cccccccccc ccccgggccc cccgggcggc   60

cccggcgccc cacataattt ccggccgccc ccgcccccccc cccgcccccc cccccccccc   120

cccccgcccc cccccccccc cccccccccc cccccccccc cccccccgc gcccccccgc   180

cccccccccc cgcccccgc cccccccccc cccccccc   219

<210>   9258
<211>   316
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9258

tactaatggt ctcccttatg ggacagntga gatcaaaagc gactccacaa accagagctt   60

caaggtcaat ggacaccgac ttaacccttt actcacaaac ccttctttag tggacgtaat   120

ggtggaagag acttccttac tccaccctac tcttcctcta ccatgactta ngcgagtttt   180

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ctttcccatc tccttcttta cttttattac attattccca ttctatttga tgatttaatc   240

gcttttaatc ttctaatcgt gccacattga cgacaatgtg ctgtttaagt atgacggggg   300

ggggacctaa tccgac                                                  316


<210>     9259
<211>     499
<212>     DNA
<213>     Glycine max

<400>     9259

agcttcgatt ggtgaaaggt atgttgctga agaatctctt aagtattgct cgcagtacat   60

tgaagctgct aaatctgtcg gggtacctaa acctcgtcat gtggcgacac taggggggcaa  120

gggtacacaa ggctacaatg ttgtgacaat gactcgccac gagatctcac aagcacatct  180

atatatattg aataatgcag cagaggtcat tccatacata gatgcccaca aaaaagaagt  240

caccgcactt aacccaaaat tcaacatgat gagggttttg caagagcaca acagaacttt  300

catgaagtgg tttagacaca caatatttgc tgatgaggct acttcgaaaa cattacgaaa  360

tgtagctctt gggccaaatc taaatgtttc gacgtggcaa gggtatcaca tcaacaatta  420

ttccttctat actaagtccc aagatgagaa aagctcgatg caaaatagtg gggcgactgt  480

tgatgctgat tcggatcac                                               499


<210>     9260
<211>     496
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9260

gcttatttct cactggtcct ggatcaattg catggagaaa ggtctccata tacattctaa   60

tcaatggtcg tcttgcttaa aggaggaaat agtcttatgg gtttttgtgt ttgggtaacc  120

acctatcgtg gttaattntt tgtaattggg gatggcagat tctgccttgt ataatatgtt  180

ttttcagtac atctagtact gacccctatt aatactatca gatttttgct gtgcaaaaaa  240

aaaaaagagt taagtacaat tacactatat tcataatcaa gtttcagttt tcacagtatt  300

gaagcttttg aaaaaatatt gaaataattt tctcaattca caacaaaatt ttattcacca  360
```

taacgacaat cttatntttt ntattcttcc atttataaat tgtttttcat ctattatttg   420

aaatacggta agctcacaat atgaacctga caccaagata ttgtgaccca atttgtgtat   480

agaatcagtg tatata   496

<210>   9261
<211>   212
<212>   DNA
<213>   Glycine max

<400>   9261

ttcatggtag ctaagccgaa ttccttacgg caatgtgagc gctaagcgag tccttatcag   60

ctaagcgcat gctcctctgt acttaagatg catcatttta gctaagccag ccattgcctt   120

gcttagcgag agttgcaact tttcggatct acaaacctcg ctaggcagtc ttatcctagc   180

gctaagccaa gcatgtgtgt taaaaaaact ga   212

<210>   9262
<211>   430
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9262

ccctcttttt cctcttctct ttcaccaata ttaagtagaa taggcttact caaagtttta   60

ggaattttac ggaagcatta cgagagcctc gaaagctgcg gaacatttta ttttttttat   120

gnggaggagc tttataagtt caccccctcc cctttgctaa atgcactcct ttntattttc   180

acacccctgt ttactaaata cactcccctt ttgctttttt tttttgctg attcttttc   240

cgtaacggta cggaactcta cggattacgt aatgatactt gttttctttt cgtaatgtcg   300

cgaaactttta cggattacgc aaccatcccc tctttgactt ctggaatgtt acagaactnt   360

atggattgcg caataatgct ctctttcggc tncgacatgt tgcagaactt cacggattgg   420

ctaacgatgg   430

<210>   9263
<211>   491
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

3931

<400>   9263

atcctctaag cacctgcggc tgcagctgct ttacatgatt ctgtttgaac tgcctgctta   60

ttgaacaagc ctttaccaaa tgaacaagtt ccctgagttc gatactccat tcacaccgtt   120

ttaattattt acttgacgac tcagtgcact tgctggtaga ttntgcatcc acacaaacaa   180

gtagtatccc ggagagcgaa acaagtattn tggcgccgtt gccgaggaac tttntccatt   240

ttggaaagtt agttcagttt gaaggcatta attcattatt ctttggatta ttaattnttg   300

gttntggtag tattttttga gttcagaatt tattttcttc ttcgaatggn taactactgg   360

ctctattagt gtttgcatgc gtagatcttc tgcaggtgaa ttggttcatt ggattagaaa   420

ttgaagaacc ttcagaagaa caacacagag agaaaaagaa aagctttgac gatagaacag   480

tagcatcaat c   491

<210>   9264
<211>   376
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9264

acatgagtta catgaatgcc gtaaaatgat tgggtagaat tagtctaatt ggtggttaaa   60

attgctacac catgatgaac acattgcacc tagattggtg tagagtgtta atttctttca   120

aaataatatg cactgagttg tgatttgttt tattagttgc atgataacac atgcaattag   180

caaaaagaaa aaaaaaccc caagttgatt gacttcttgc ttgcttanga taactgacat   240

aatggttgcg tatttcatgt aaactaactt tttatggatg cgtcattgca ggcaatggct   300

ccaaagaagc ttctcactaa aagggcaagg aaggatgccg caagggaggg atccaaaaga   360

accccacaag cagaaa   376

<210>   9265
<211>   433
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9265

agctntgctg atttagttnt caccgacgaa aggatcatag tatgtgtgaa aagaggcata   60

tttaatcatc atgctttcat gaaaaaaact gggngcaagta aagagggtga gaatgaggga   120

gaaacccatg ctgtgactgc cattcctata cagccaagtt tcccaccaac ccaacaatgt   180

cgttactcag ccaataacaa accttctcct tccccaccac ccaattatcc acaaaggcca   240

tccctaaatc aaccacaaag cctgtctacc acacaaccaa tgctaaacac cacctttagc   300

acgaaccaaa acaccaacca aaaaagaatt ntgcagcaaa aagcctgtag gattcacccc   360

acatttcgat gtcatatgct aaacttgctc tcatatctac tcgataattc aatggtagcc   420

ataccccctg ata   433

<210>   9266
<211>   465
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9266

tgatgataac aatgatgaca acaaaagatt atgacaaagg tgatgaacaa aaagctcana   60

gatcatctca agtgaatcaa gaacaagtca agagttcaag aatcaattag aattcatgac   120

tcaagaagaa agcttagaat caataatcaa gattaaagat tcaagatctc aagaatcaag   180

atcaagattc aagattcaag aatgaagaan agactcaatc aagataagta ttaaaaagtt   240

tttttttcaca acattgaata gcacatgagt ttttgacaaa acctttacga aagagttttt   300

actctctggt aatcgattac catattggtg taatcgatta ccagtagcan aatgagtttg   360

aaaaagttnt caaactgaat ntacaacgtt ccaattattt tcaaaaggct gtaatcgatt   420

acaatgatgt ggtaatcgat taccagtgcc ctcgaacgtt gaaat   465

<210>   9267
<211>   395
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9267

agctngngct ctngcctcac tcaccagcct tttggtttca tttctagcta tcttatactt   60

atcccaaggt tcagaatttc tacatctaga ccactccttg anacactcct tttttactct   120

aactttgctc tgaacatttt cattccacca ccacgattct ttaccccctag gtccaaaacc   180

tctagattca cccaacgtct ctttagccac tttaataatc tcttatctac caaattgtga   240

catccgcgtg aaaagttatg accatgcgaa tttctcgagt acttccattg tgcaatatcg   300

agcctctcga tatattacgt cccacattct gacatccgtg tgaaaagata tgaccattcg   360

aatttctcta gagcttccgc tgttcagttt cgagc   395

<210>   9268
<211>   379
<212>   DNA
<213>   Glycine max

<400>   9268

tgcacaacgg aagcactcga gaaattcgaa tggtcataac ttttcactcg gatgtccgat   60

tcgcgggcat aactcatcta gatgctcgaa attgaacatc ggaagctctc gagaaattcg   120

aatggtcata acttttcaca cggatgtccg aatttaggac ataatatatc gagacactcg   180

aaattgcaca acggaagcac tcgagaaatt tgaatggtca taactttttca cacggatgtc   240

cgaatttggg acataatata tcgagacgct tgaaattgcg ctaccgaagc actcgagaaa   300

ttcgaatgat cataactttt cacacggatg tctgatttgc ggacataact catctagacg   360

ctcgaaattg aacaacgga   379

<210>   9269
<211>   455
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9269

agctngaact gtgaacaaag cacagcctac cagtatggtg aaaaagaaat tgaatttcaa   60

tttaattatg aagactgaca attgtaaaga attgagcccc taaacaattg tccatagagg   120

cagcaagcaa ggatcaactc tcttaaaaac ttaaacatct aggcctagtg cagaacctaa   180

gcattgagcc atggccttga aaaccatcaa attatatggc taaaacaact acaatgagct   240

aaagtttggt caaataggac aaattatatt gctttccctt ctttaacatg tatatattaa   300

tgtatntttt tcatatattc tagcatgcaa aatcttgtaa agatatgctt gatgaaaatg   360

aaaaaaccat aatacataaa cgaagttctt gagtagctta aatgtctatt cttgatacta   420

gtgtcaatgg atcctattct attcaactta caact   455

3934

<210> 9270
<211> 441
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9270

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tggcattgga atggcgaaag ccccactcca tcattaggat tagtacctga catctcanac    60

aaacaaatca aacgtaacaa dacaattata gttgctgttt gaatacctca cccactcaag   120

tgtatcacac aattatggct tttctctaat gaaacactct tgccttttac cactctaatt   180

ccccttgagt tcttaggtaa ttcaagagat tatggccaca acaaagaaca attcaccaat   240

atgtgtaagg taaggctaga gagacaagga accaagaaaa atgctaacaa tgtttttagg   300

cacaaatgaa ggaaataaaa ttcagaattt aggaattcaa gtaacaatcc ttcatgcaac   360

caatatatta ccttatagag attntttttt aaaagttctt caagcatgaa ccattcagcc   420

caattntatt tttttntttt a                                             441
```

<210> 9271
<211> 306
<212> DNA
<213> Glycine max

<400> 9271

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agcttgagca aattcaaacg acaataactg ttaactcgga tgtccaaatg aaacccgtaa    60

tatatcgaga cgctcgaaat tgataataga agctcatagc atatgcaaac cacaataact   120

tcttactccg atatccgact gagtcccgaa ttatatcgag acgcttgaga ttgaaaacag   180

aagctctgag caaattcaaa cgacaataac ttttaactcg gatgtccgat tgagtcccat   240

aatatatcga gacgctcgta attgataacg aaagctcgtt ggaaagtcaa aagacaataa   300

atttta                                                             306
```

<210> 9272
<211> 388
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9272
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acgacaatta ctttntactc ggatgtctga atgaatcccg taatatatcg agacgctcga     60

aattgaaaac agaagctcat agcaattgca gacgacaata actgtgagcg gcggaagata    120

ataaatattt ccgcnanaca ccgagacgct cgaaattgaa tacaaaagct ctgagcaaat    180

tccaacgaca ataactttta actcggatgt ccaaataaaa cccgtaatat atcgagatgc    240

tcgaaattga aaacagaacc tcgtagcaat tgcaaaccac aataactttt aactcggatg    300

tacgattaag tcccgtaata tatcgagacg ctcgaaattg aaaacaaaag ctctgagcaa    360

attcaaacga caattacttt ttactcgg                                       388


<210>        9273
<211>        428
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<400>        9273

agctagaaga ggatgctnta atggaggana agatagagag aaggagcttc aagttaggat     60

gctntaatgg aactttgaag tgtgtctcat aagacttta tttatcaaag ctacaacaag    120

tgttacacat gcttctattt atagactagg tagcttcctt aagaaaactt ccttgagatg    180

cttctttgag aaaacttcct tgagaagcta gagcttagct acacacaccc ctctaaaagc    240

taagctcacc tccttgaaaa gcttccttga gaagctagag cttagctaca cacacttctt    300

taataactaa gctcacctnc ttgagatgag cagctagagc ttacctacat acccccaata    360

atagctaagc tcacccncat gacaaaatac atganaatac aaaanagtcc ctactacaaa    420

gactactc                                                             428


<210>        9274
<211>        415
<212>        DNA
<213>        Glycine max

<400>        9274

tgccacccag ctcgcccaag cgagcagggt tgcttcctcc agaagcaaca accttctgga     60

ggaatcttct ggagggccca agtaggcctg gttgctattt gcaccccat ttttactaag    120

tacacccct accttttttt tggtgattct tttttcgtaa agttacggaa acttacgaat    180
```

ttcgtaacga tacttgtttt ctttccgtaa tgttacggaa ccttgcggat tacataatca   240

tccccttttt tgacttacgg aatgttacag aacctcacta attgtgcaac gatgcttcca   300

tttgatttcc ggtgtgtcac ggaaccttac ggattgtgta tcaatatttt cttttgattt   360

ccggcatgtc ccggaacttc acaaatggcc taatgatggg tgccaagcac ctcac   415

<210>   9275
<211>   376
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9275

agaagataaa atctctgatt cattccttga aagtggttgt ctaaatcttt tattnttaaa   60

gaacaacacc tcatctcana gagttcatca tttccaagcc aaatacacat ttatactttt   120

aaatatattt tttttattcc ttaaccagta tccttatgaa caaggaggat gaggcanaag   180

agtgagggtt gaaagaaatc caagcatgtc atgccagctc ctgttcctca ttggatcctc   240

tttgtccatt tcgactgtcg gctntgtcac tagcaccgaa ttctatcatt ctgtataact   300

gccagaattt ntggtttgtt ttgttntgat ggcananata aaatactttt attaatcagc   360

aatagaaata tagcag   376

<210>   9276
<211>   489
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9276

ntctcatatt acttctccac aagctacatt ttaacctatg cataaactag ttntagttta   60

tgaactagtt ntagtttatg gagaagctta tttcattttt tcttttattt tcttctctca   120

taagtatttta tggagagatt tatccaaaca aaaataccat gaagaacata aaattagtca   180

gcttaacctc aaaagtacaa agaaggttaa gtcaattcat aaactatcat tatgttgtaa   240

cacttacaat ttgtgtacaa agaaggttaa gtcaattcat aaactacagc agttaaatca   300

tctcccccgt atatatgttt gactntgaat gccacattcc ggtccatgca atgagtgagc   360

ctctttgtga tgttggagtt tattcccagc caatggcatg aagctcgatc aggttggtaa   420

tttgactaca gcatccattc actagcaatg gcaactcgct gacactaata tattcttgct   480

atatgactt   489


```
<210>     9277
<211>     421
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9277
```

agctatgagc catactattc caaactaaaa cttctgtacc aaatcgacga aaggtgttgg   60

aacttggata catactgatg cttttggtat tgcaaaaaaa tggaacatct tagaatgtgg   120

attttggtct aactcaaccc caaaagctat ctcttatggt gagaggtgcc ctccacttat   180

atactctatc ttggtactat cgctagtcaa tgaaggactt ggattgtttt caatacaccc   240

cctcacgtcc aagcactttt gagcttggcg tgtggataac atggtgggtg accctttgaa   300

tggatctagg ataggctcta ataccatctt agaatgtggg tttaggccta actcaaccgc   360

aacagctaac tcatanggtg agggtttcct ccacttatat actctatctt ccactatctc   420

t   421


```
<210>     9278
<211>     398
<212>     DNA
<213>     Glycine max

<400>     9278
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tttaaatata tgattataat ttattaaaaa atattatttt cattattata tgctctatgt   60

caaatcttca atcattctaa agaatataaa attatttttt taagggttta ttttccaatt   120

cccacacatg aatgtatcta tcaaatatta aattagtaaa aaaaatattt caaataaatg   180

atgagaaaat taagtactcc aatatacaaa ctttaaaatt aattaactcc tttaaattaa   240

tgagctaaag ttaagttttt tttttcttc cacaattgag gctaaactct aaattcttaa   300

cacaactaca ctccacaata tcaataaatg tgttttaaaa aagatcataa acatcaatat   360

tcaaaatatc tagggataat ctctcatgca tcttaatt   398


```
<210>     9279
<211>     464
```

<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9279

gcttgtacac ataactcggt tggttggata tttataatta cactagccta tatgactcan   60

acaacaaaga cactaaaagt agagaattac ataccctgca gaagagcaag aatattaata   120

attacactag ccactgtgaa aatttcatgg caactaattt agtaactact taaagcagaa   180

gagcaagaat attaataatc ttacctcaat gccccctcca agaccttcaa atacattttt   240

cagatttcta gatgcatccc agacttgaac aattccatgg aagcaccctg atgcaagaaa   300

ctgtccatca tagttaaaat ctaaacttga tacacaatct ttatgaccta cacaaaatca   360

atgacaaact cacgatggaa attcaatcaa ttgagagtaa catgacatta ccaatcatga   420

tgtcgaacct atcctaatta gaaaaataca catccagtag tagc   464

<210>   9280
<211>   439
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9280

ctaagcttga ctacccaaca tggcgagttc aacatgcttt caacaaattt cttcacattt   60

aactatcatg aagcagaaac ctagcaaaac tacccatcat atctcccaaa accccatacc   120

cacgaacatc aagagagaaa gaagtctacc caaacctgaa atttcgaggt cccacacgta   180

gagatgcgct tcacgactct gaaaatgcct tccttttgcg atttggagca gaagtgggca   240

ccaaaggttg gagctttaat ggagtttcaa tggaggatga agaagaaaga aaatggcaac   300

gtgagagaga gaaaaagagc tgtctaaaat tatggggctg agtgaagaga gagagagtgt   360

tgctttctgg tttaaaaagg ctntttctct cttctattan tttaatttaa gctatgccac   420

atggtctcat ttgagtgga   439

<210>   9281
<211>   421
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

<400>   9281

agcttggcaa catagttgac acggaaggga tatctnctct atatagaagc ataatatcat   60

ctgcaaaagt caaatgagat agctgaatac atgcacaatt gggatgaaat ttaaaattgg   120

catcatcctt aagactgctc atatctctgg aaaagtactc caaacaaagc acaaacagat   180

aagggaagag aggatccct tgtctaagac cccgctaccc cttgaagtgg ccataaatgg   240

atccattgac tgtgacacta aaggaaaaag ggtcaacaaa aatacaccaa tgaaaacata   300

tttttgtggt gtaagtatat aatagaatca tgttttttgt ttgttaaatg atagcgaaaa   360

agttatcgac ggaaacaaaa tttatntcat atatatacaa acatgtacaa cgagtgaaat   420

g   421

<210>   9282
<211>   353
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9282

caggatcata ctccagcatt ggttttacaa ccctattgag agaagaataa cagcactgtt   60

agtgcattcg tgtcattaaa ttctgaaaag attcagttaa tgccatcaac aagaagctat   120

ttgaggtact gctgcaatca aaccattatc tactctcgca gatgttccat tccccatgtt   180

tcttggtcac agtgcgatat catagacaca aaaaagaggt tgaatntggc tctagacttg   240

gtcaagagtg aacgacacac ggaaaggata tatcacattg gtatgtggaa agaaacaaga   300

cagatgacgg attccaaatt ttctaactga tagtttaat aaaactaata aat   353

<210>   9283
<211>   284
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9283

cgagtatgac agtcatcgct ttatgagcgc tgtgcaccag cagcgcttcg aggcccatca   60

agggatggtc gttcttcggg agcgacgcgt ncagctcang gacgacgagt atacttgatt   120

ccaggaggaa atanggcgcc ggcggtgggc accactggtt actcccatgg ccaagtttga   180

tccagaaata gtcctttgag tttatgccaa tgcttggcca acagaggagg gcgtgcgtga   240

catgagatcc tgggtaaggg gtcagtggat cccgtttgat gctg   284

<210>   9284
<211>   436
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9284

agcttagctc aacattggcc agcttagcgg aacaaatcag cctcagatgc aagggttggg   60

cgctaagcgc ttgagactca caacttagcg cattaacaga gttgcgctta gcgcgaggct   120

tgtgcttaag gaaaggacta tttttcagaa aaaagttttc tgagttattt ttcagtcctt   180

tttccaagaa attgaaaccc ttatgttaaa cattcaaaga atggttgata tactcctatg   240

tacagattat atagcangtt ccaaatgatt aaatgcatga naaacanaga caacagaaat   300

taaaactggg ttgcctccca ggaagcgctt ctttaacgtc attagcttga cgcttttacc   360

tcactgggtg atcttatgtt ttggttctta ctttcaaaac ctcttgacct cccttcatta   420

cctgtaacca aacatt   436

<210>   9285
<211>   356
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9285

gcttataagg gcgtccaaag gtgactntct tctgaaaccc acttttgggt ggttccaatt   60

cctgtgaggg atccctccta tgtttctcan acagattcct agcgaatatt gtttgagtga   120

ttttctttgt tttgcacttc tgaagggttg tccatgcaaa agttagtgta acctcagtgg   180

atggacaaac acgttgagtt ccaggtgcta gtcagtgtgg ttgcatcttg atgacttgtg   240

actgcattgg acgtgtccac tgaggaggct gtaaatgaac tatggtatct aaaggaagag   300

ttgtaaaggc ttcagatgag gtgtgtgaat agacatatca agtccacctg tggagc   356

<210>   9286
<211>   383
<212>   DNA

<213>   Glycine max

<223>   unsure at all n locations
<400>   9286

atcgaagtgg ttctgaatag aggaaaaatt gatcatcctg ctctgatgaa tgggaagcct   60

gnggcaaata gagaggatga gaataaggaa gcaacccatg ctgtggctgc cattcctaca 120

tggccaaatt tcccaccagc tcaacaatgt cattactcag ctaatatcaa ccctttttcat 180

tatgcaacac ccaaccatcc acaaaggcca tccttaaatc aaccacaaag cctgtctgcc 240

gcacatncaa tgccaaacac cacccttaac acanacccaa acaccaacca gggaggggat 300

attccagcga aaaagcctgt agaattcacc ccaattccgg tgtcctatgc taactngctc 360

ccatatctac tcaataattc aat   383

<210>   9287
<211>   326
<212>   DNA
<213>   Glycine max

<223> .   unsure at all n locations
<400>   9287

agctttanac aagctaccaa acaaactata actataaact ganatttana agttgaactg   60

gaaattaana actaaagcat aaacataaaa tgtactaaag aaagaataat aataaagatg 120

ttcaaaatgc aagaaaataa agatcctgtc aaacatccta tgaatgatcc tctgcatgct 180

cgttcaggtc cagtgctggt gcagatggtg gatcctgaga aatangcaac tntggcactg 240

gtgtagatgg ctctgcctga gaagatataa ttgaatcatc ctcaaaaatg aaaggctcaa 300

gtggagaggg ctcagagatg ttagta   326

<210>   9288
<211>   373
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9288

ttcacttttc ttgttccaac gcgagctctg accactgttc ttncttcccg cgatgcttct   60

tttcatgtcc gcctgagtgg gcttatatcc caaaccatac ttcccacgat tcccatgggt 120

ttttatcaga ctagttatgc cgccattgtc tttgcctaaa cccatcccgg gttcataacc 180

```
gttccccaac ataactcggg ccatcattac cgccgcctcg gacagacaag ggtgcccaaa   240

gagggagtct acggaggaaa tgctgaccac ctcaaaagac tggaaagcgg tttctaacga   300

ttcttctgcg gctttcacat aaggcatgga ggatgggcag cttaccaaga tatctntctc   360

gcctgacacg atg                                                      373
```

```
<210>      9289
<211>      479
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9289
```

```
agcttctgga aggattacgt gatatcttaa ctagcatgaa tgaatattac aataggaata    60

ttaatattgc ttgctgccag taaccgtatt tgtcacgtag cacataccat gcatatgctg   120

gaatattcta gacagcacta atgattagct ctaaatattc cctttgatat gaaataaagc   180

aagcagaata tattcagttc actttccctc tctctctcgc tttattgctt tcttcacgga   240

gactcccttt cggtctcgaa tacgaaggat attacccatc attggtccga cctgccgacc   300

ggcgacgcca tggccgaaca ccatacacgt tccaagacta ccgaccgcct ggaagaggcc   360

atcagccgcc ttacccagaa ccagtccacc cttacagacg ctcaccatga cctcaccctt   420

cgtctcgatt ccatccanga ccaactactt taacttcaac ttcactttcc accccacac   479
```

```
<210>      9290
<211>      422
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9290
```

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tatcagttga gtgggctcca cttcaacagt cttatgtggg actntaagag gatattaaag    60

aatatcttga agataagttg aagcattcca tttaaagaaa cttgagcttg gtctttgtgt   120

cagaaatcta cattttctat tataaccctc tctgttgaga atgaccaact tatgtattga   180

acttgtaatt tgtaatagat ctaagataaa agtaagaaac tatattttcc taagtgtaga   240

tcctctatga ggtgaaaata tgtgtttgtg caatctgaaa acacagaaac ccttttgtt   300

gttgaaagtg caatagtgac tagcattgtt gaaatccagt ggtgttgttg gtctagtttg   360
```

ggctacgttt aaagtccagt gggagtacta gcaagttgtt gaaatccagt ggttcactac   420

aa   422

<210>   9291
<211>   464
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9291

agcttatcca tgcctcctta gtggatgttg catcanaaat cttctcgaac gcaccatcat   60

ctaatccttg atagatgagg aagagagctt tcttgtctct ctttcttgaa tccttanaag   120

tctattnttg tgcttggggt agtgaagtca ctactagaaa ataaggtttt aacattggtt   180

atttaggact ttcaagatcg gttattaaca aatgttgaaa gtaccgacgt tgaaagtatt   240

aacgttaaca tcagtttttg aaaactgatg ttaacgtaaa ataacaacat cagttattta   300

aataaccaat gttatataat aagaattaca aaaaanaggt atatatgttc ataccaacgt   360

tgacagttaa catcgattnt tcattcaaaa ccgatgtaac ttccanacgt taacacgttt   420

aacatcggtt ttttaaaaaa ctgatgttag ttacaaacgt taac   464

<210>   9292
<211>   485
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9292

gggactagct agtgatggaa tgaatccata tgacaattta agcactcaac atagttcatg   60

gccagttcta ctagtaattt acaatttgct tccttggttg tgcatgaagt gaaaatacat   120

gatgttgtct atgatgatat caggcccaac acagccagga aatgacattg atgtttatct   180

aagtccgttg attgaagact tgacaaagtt gtgggacgag gggattttag tgtttgatgg   240

gtttcagaat gagattctca aatgtgtgca atgctctttt gtaccattaa tatcattcta   300

gcatatanga atttaagcag ttacagtgtt aagggtcatc atgcatgccc catctgtgaa   360

gaagacacaa gctacataca actgatacat ggtagaaaaa cagtctacac tatgcatcga   420

cgttttctaa aacctcatca cccttacagg gcgatgaaaa agcattaatg gaagtcagac   480

atgaa

```
<210>      9293
<211>      409
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9293

agctngtggg attatggggt acccgtcata tgtggtacta tgtggcgatc gggcgatggt    60

gcaaatcaac tctcccacat ccacaaatca aacatgaacc caccatgccc agttgcccac   120

cttcaactga gctcacgtac tcctacgtag cccttatcct cgttcctctc agcaccgggt   180

gcccatcaac ccctccaagc ttgcacaata tccaagcaat tcaatttcca aatatcatga   240

actaccctaa accaagaaaa cagggcagag gcagaaaact ctgcccaaaa cacattcaca   300

tattacaact ttccttactc agatatccca gtaacattct ctttggtccg gttcgttaac   360

cattggatcg acttgaaaaa tttactggag gttcctagta catacatct               409
```

```
<210>      9294
<211>      499
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9294

nggaaggtag tcatacctca canaatatat atatatatat atatatatat atatatatat    60

atatatatat atacatatat atatatatat atatatatat atatatgtgt aggtagagag   120

ataccttgga tatgcatgta tgtagcacaa aaaatttcac aaaatatata tatgtgtgtt   180

taggtagcaa gataccttgg atatgcatgt atatagcaaa aatatctcac aaaacatata   240

tacgtatgtg taggtagcaa gatacctggg acacacatgt atatatcaaa atacctcaca   300

caaatatacg tatgtttagg tagagaaata ccttctgaga naaaagagag cgagcgcgac   360

aagaactaga agacaacaaa catagagaga catattatat anaatatat acaatcatta   420

acgttgtcta gctacaaaac aacatgcgtg tgagaagaga tactatcagc tcttccttga   480

aaatgcactg atcataccg                                                499
```

<210> 9295
<211> 423
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9295

```
agcttcttag tttcagatga tgcagatggg cttgtagcta cctcatgcac tcctctaatg    60

actatggcgt catttctggc gctaaactgt tgggagttgg aagccatctt ctcaattaaa   120

tntttggctt cagcaggagt catgtctcca agggctccac cactggcaac atctatcata   180

cttctctcca tatttctgag tccttcataa aaatattgga gatgaagctg ctccgaaatc   240

tgatggtgag ggcaactggc acatagtttc ttaaatcgct cccagtactc atacaggctc   300

tctccactaa gttgtctaat acctgagata tctttcctga tggttgtggt cctcggaagc   360

agggaaattt tttctaagaa tactctctta aggtcatccc agctcgtgat ggaccttgga   420

gca                                                                  423
```

<210> 9296
<211> 502
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9296

```
ctgagaattc acccaagagg tttagattaa tgcgtgaact taatttgata tcatatatta    60

gatcaaacac tactcattac tagactaaaa gatgtagctg atggtaaaaa taaaattctg   120

ttaatttcct caaagaattt tagagttaca actaacttaa gagtatggaa attaaattca   180

tcatggagta ctgtgagatg ttaaattcat caaattcttg ttggaatcgc gttaaccaaa   240

ttaaataaaa tcaacacatc ttataaagtt ttaaagtcaa tatatagttg aaagtaaaaa   300

ttaactgttg atcatattaa gaattgcaaa gggagaaagc atagccctta aaagtctttn   360

tttttacata aaataaatag taagtttagc attactactt tctatacgta cattntacgg   420

ataatttcat ttgaaaaata atgctactca naataaatgc atatatatta ccattngcta   480

taaactatta caataattat gg                                            502
```

<210> 9297
<211> 343
```

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9297

agcttcaggt tgctcattaa ctccagatcg ctgcanagta tgacaaagat ctgcatggtg   60

atctgcacaa gaacatatac cacaaactct cgcacaggtg tagagttctg attcatggca   120

agctgagtta ctacgttgac caatgcatca cagtttcctt caagctgttt atttccagaa   180

tatgaagatg aatgcgtggc cacctcatgg actctcttaa gaacaatagc atcatttctt   240

gcctgaattg ttacgagttg gaagccatct ctctatcaaa tttctagcct caacaggtgt   300

catatcacca aagagctcca ccactggcat ctcaatcaat act   343

<210> 9298
<211> 346
<212> DNA
<213> Glycine max

<400> 9298

ctataatact cagctatgat gatcattcta tactccttcc acagtggtgc ctcaacaccg   60

aagcttgcat actacgcgta taatctgtag catggagaga cgtgggaaag accaataact   120

tgcaggtcat tgtatggttt attttttggt ggatacaggg gattctagta tacatacaga   180

ctacatacat atatagcaca tatggtacat tgatagtggg tctttcattg cttttgtttg   240

ctctgggtat agtttctttg gctataacca cacgcatatt tgcaagacgt actcgggtac   300

ttcttggata gcatactgtg tacttgggta ctccatgtgc aacgtt   346

<210> 9299
<211> 402
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9299

tattggatgc tgannnattt tgtacttgat gtgcttaaca tatcttantt tttcattcta   60

gcgcactgnt aaggtatatc attagaaaga tggatgtctc acgggtcacg aggttgctaa   120

cttacaccaa atatgctgtg tatggtcgtc tctgtccaaa gntggatggg gaaggtgaat   180

cgtgtaaaat actcagaaca aacttctgtg agttccctta accctaaagc ttacatgana   240

gcttacacaa tgattttttca ctctaatttt gcttttttgcg atttcagatt tgctgtcaag   300

ctagctttttc agtttcatgt caacgttaaa tatcttcgca tctactaacg gtcttacagg   360

nagaatgttn tacctatatt tgattataat ataccttaag tt   402

<210>   9300
<211>   436
<212>   DNA
<213>   Glycine max

<400>   9300

tatagttagt gtcccagagc caccaactcc aatgttacca aaggaaaaca ctaattcaga   60

ggcactgttt gcgggattca ttaaatgcta aaattggata cagtgaagtt cattaatttt   120

ctttatttgt tcatgtagta tttgcaaaag gattttttaa aaaataaata aatgtacgta   180

tgttttagtt taacattact agtaattttt aaaataagaa accaaatgat taagtaatac   240

taccactatt aatgtaatga ttttattcat ttatttgtat taatatcaca actatatcaa   300

tttttaatct aaaatacaat attttttcttc ctttccaaaa ctcccaaagt aataaccttg   360

ttttctcttc cccgcaacgc ttcaaccatt ctcttacagt gtccgtcatc ttttgacgcg   420

tggtggtata aatggc   436

<210>   9301
<211>   444
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9301

cgagcagggt tgcttcctcc agaagcaaca accttctgga ggaatcttct ggagggccca   60

agtgggccag attgctatnt gcaccctcat ttttactaaa tgcacccccc tttctatttt   120

tgtaattctt tttccgtaac gttacgaaac tttacgaatt tcgtaacgat acctattttc   180

cttccgcaag gttacaaatc ctcacggatt atatatttta ctcttttta cctttcgaag   240

aagccacgga aactcacaga ttgcgcaaaa acacctcttt tcgacttccg ccacattacg   300

gaatttcacg gatcgcacaa gcctgcttcc ttttgatttc tgagacgtct cggaacttca   360

tttattgcat gtcatcaagt aataatcccc ggacgaaaat agggtatgac agttgcccct   420

ctctacttac ctctcatcgg agat   444

<210>   9302
<211>   431
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9302

caagtactaa gaagaatcaa aactagccac gacccatgag cataaagtgg cggacgaata   60

tgcctgagtg catgcggaaa aggaggctag aggaagggtg attgactcgt tacatcaaga   120

gggaacgatg tggatggacc ggtttgctct tactttgaac ggtagtcaag aacttccctg   180

attgctggcc aaggccaaag caatggcgga cgcctactcc gcccccgagg agatccacga   240

actcctcagc tattgtcagc atatgataga cttaatggcc catataatta ggaaccacta   300

cgaagttngt attgtcactc agatcttgac tagttataac tntctgaata aaatgagttt   360

atctcgcgtt tttactccaa aatcagtgcg aatcaaatca ctcccacatt ttatctctgg   420

catacattca t   431

<210>   9303
<211>   249
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9303

aaagaaattc ccgatcaaag atcggaagaa agaaaagaaa atccccaatc caagatttgg   60

agaaaacaaa agaaatatac agaaaggtct ttggaccaga caatatctga ataacatgca   120

gaattgtcac aaacaagaaa aggaaagaaa ggaaactang gcttgcgaca catgaagtgg   180

tccccttttt attaccaacc aaaatccttt gtgtcggcaa ctctttcgcc tcgcactana   240

cacaaacag   249

<210>   9304
<211>   429
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9304

```
tttcagtata aaatggggat tatatcacct tttgcatatt caacatatta tattggatcc   60

atcttatgaa gtgatgagga tgcaacaaat acaattctag ttagtggata aaataaataa  120

tgcttcaagc ataacctgtg attgcagagt gggtatgaaa gcaaaattgg attggatact  180

tttaagtctg gaaatgcttt aaagtagtga atcttgaaga gtaaagtgct aacaagagac  240

aaacaaatgt gcagtggaga agagaatgtt gagatggcga tgagttcatt agacaacaga  300

taagattaga aatgaatgta ttcaggagaa aagtggaata gcagctatcc agttaagaag  360

atagacacac attcatagct tattgttcan aaaacatgta atgtgaactg gttgcaatct  420

tcatactta                                                          429
```

<210>   9305
<211>   331
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9305

```
agcttgtatg gtctanaaca naccccaaga caatggtaca agaagtttga aagctttatg   60

cacaacgaaa gtttctagaa gtgcaacgcc gatcanttgt gtttctttaa gagatataaa  120

tctagttata ttattttgct actttatgtc gatgttatat tagtagttgg atcagacatg  180

gatgaaatta anaacttaaa gatgcggcta taaaaaaaaa ttgacatgaa gcacttagat  240

ctagcaaaga agatccttgg tatgcaaatc acgaaagata agtaaatagg gattttgcag  300

ttatctcagg taaagtacat caatcgtgtt t                                 331
```

<210>   9306
<211>   481
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9306

```
agaattcctc tataataaag gttattacat caatcctttt cattttttgg tggtaaggac   60

ggctntagcc catcaatcct ttntctatat ctatcatatt aatgatccgg gctcctttga  120

atattttaca ggaaagattc tatttcacct gtaatccgat ttcgtaatcc cgtgatgtga  180

ccgtttttatt tcatataaat taattccttc ttttatatgt gcacatacaa gagttgggtt  240
```
```

agcggttttt ttcttgtaca aaagtaaatt aaaccatttt caccagttta gcggctntcg 300

ccaccttctt ctacctctac aatatcccac cactgccaca atgcccctc cacgtgtcac 360

ctcagggcgt cggacatnct nctctgtcat gttgcctctt tntaccgtca tgtcacccac 420

cacccatcca ccatgcacta cattattgtc gtcgtacatt caaataaccc tctaattttt 480

a 481


<210>      9307
<211>      406
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9307

agctgtatat atatgataca nnaaatgaaa ttcanaacaa aattggtgca gtaagggtaa   60

tagtgtgttt tgactctatt tgcattaaat ggctatgtgc attttttttat tcaattgtga  120

taccgttaaa tgaatgacta tatgcatgac atgttttaaa cttgtgcaag gcaaaatata  180

cttgattcac agctggtctc caagttaaaa gaaatgtntg atgaacacaa tatgnttgct  240

aagtctttta ggatggccaa agatagatat gataactttc agacatagaa tcatgaccta  300

caattgatag ctgacagaaa aaaagatgg aagaatctat aatttgcaca caattttaaa  360

gggtggttgc agttattgtt ggtgatgcaa gtcaacctat caaatc   406


<210>      9308
<211>      461
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9308

gcatcatgca cagttgttgg atattgtcta cttgtggcct cacaagcaaa gaacaattga   60

tccctatatt ttctttcttt ntgaaggcaa aatgtatatt atattaatga gataaacaga  120

acagtacaag tggtactgaa aaaaaagaaa atacaaagca cctctggtgc tgcctcccaa  180

agatacaacc caagctaacc catcagaaaa tcaaaaccac ctagattaac caaattgatc  240

ctttatatta gaggaccaat gattaaagct agtgttgaac cctttctccc tagctnttag  300

ccaagaccaa gctgaaaaca tagcctcttc catgactttc gaggagtcaa attgttttcc  360

3951

ttgaaatatg aagttattcc tatgttgcca aatagtagta gttagggcca cccaccaccc    420

ataccatctg ctatggtttc cattagcttc gaatccttca c    461


<210>    9309
<211>    441
<212>    DNA
<213>    Glycine max

<223>    unsure at all n locations
<400>    9309

agctntaagt ttccacttct ttaagtgcac atttatcttt tattaatttt tttaaaagaa    60

ggagagagag agagagagag agagagagag agatcgatgt cacgactcac atctcattaa    120

taattttcg aaaactatct ttcaatcatg gcaaaaatta tgacgcacat ttctcaataa    180

aaactgaaat gttttgtct tttgaacac gtncctcctt ctgtctatac acttcaacaa    240

acattagtcc caactgatta atgaaaataa agtaagatga tgctatcgtc taaaaagaga    300

tctctttaat ccgatacact agtcatatnt aaatgttccc ttatatagac gaaaccattt    360

tcaagcaaag gcttagtgaa gataccaaaa acatctttt gcacataatc atgaatgaga    420

tgatatctta tctcaatatg c    441


<210>    9310
<211>    228
<212>    DNA
<213>    Glycine max

<400>    9310

gcgtctcgag atctgatgcg cctgagtcga acgtccgagt gagaagaggt gaccatccaa    60

atttgtcgag agagtacggt gctcaatgtc aagcgtactg atatattatg tgcctgaatc    120

ggacatgccc gcgaagaggc atgaccattt gaagttctcg agagcctacg ctgtccaatg    180

aacaacgtcc gcacctgtga ttgacctgaa tcggtcctcg agcgcgtg    228


<210>    9311
<211>    313
<212>    DNA
<213>    Glycine max

<223>    unsure at all n locations
<400>    9311

```
agctggaatt atagtggttg gtgactaatt ggcacataan agcaaagtaa agctccaaga    60

agcaaaatta aagatctaaa attactcgct cagcatttct caggtgctca gcgcaacgca   120

gatgcttagc ggacaacgca cgcttaacgc cagatagtat gaagacgtct gaatcatgaa   180

tatgtgctta gcgcgagtca ctcgctaagc gcgagattac tatcatactc gctaagcatg   240

aaattgcact tagcgtgaag gttacgttaa aatcaaactg aactactcct ataaagaag    300

gagagagaat aag                                                      313
```

<210> 9312
<211> 409
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9312

```
tatggaatta tattattntc tgatggcact aatttgcagg actgagagta gcgtctcgaa    60

gtggcctttg gttccagtag acgaattgtt ttctctggtt agcattaata aaatcatttc   120

cagtgctcgt ttttatgtta tttcctggat tacatattgc tttctatctt tcttatcctt   180

ggtgtttatc actatcccaa tttccaatta gctctatttc attgtacagc tcaggttcat   240

tgtatcttaa gaaattgaga taattaccct tatttgtgag tgtactctat taacaatctc   300

tgtatacata tcatttaact gagtgtgtgt aagtgtgtat tgaccattca agaatattca   360

cacganatca atcttatttt tatcttcaac tatatttttc acgcctcac               409
```

<210> 9313
<211> 428
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9313

```
agctnggctt cattcctgcc ccacttctaa tacttttatc attntctaaa ggtttaattg    60

cattttaaga aaattatgtg acaatttaaa agtaggagac aaaaaattgc ggataagaat   120

agattagatc atccgttagg tatctatggt ctcaccaata ataagcttat gttatatcat   180

acttctttag aaaataaata ggttaagacc ttttaaaagt ctatttagtt aaaaaaaatt   240

ggactctatc acttaaaaaa tctttttagac ataatagatc aatcttagtg ttattattat  300
```

```
attaaatttg ttatgatata ttgaatactt gtttatcgga aacatttgtt tcaagacatc   360

ttttanttgc gaaaatgtaa gagtgagaat tattattntc atatctttta gaaggttatg   420

acaatata                                                             428


<210>     9314
<211>     426
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9314

gcggattggt cttcgccagt gaaaggatcg aagtggatct gaatagaggc aaatttaatc    60

atcctgcttg gacgaatgag aaaactgtgg caaataaaga gggtgaggat gagggagaaa   120

cccatgttgt gactgccatc cctgtacggc caagtttccc accaacccaa caatgtcatt   180

actcagccaa taacaaacct cctccttacc caccacccag ttattcacaa aggccatccc   240

taaatcaacc acaaagcctg tctaccgcac ttccaatgac gaagaccacc tttagcacaa   300

accaaaaaac accaaccaag aaatgaattn tgcagcgaga aagcctgtag aattcacccc   360

aattccagtg tcctatgctg acttgctccc atatctactt gataattcaa tggtagccat   420

aaccct                                                              426


<210>     9315
<211>     493
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9315

aagtcagcaa cacttccaaa tgccaattct tcctgtcgca tccgtcttca agacgatcta    60

tgcacatagt ttcacttatt agttaggagg agatnttgcc cccagtgtat ctcgaaagca   120

gataaaatag aactcattct agagagcttg gtggtcttaa taatggttcg ggtggtgggt   180

tctcttaaga ataaataaga cgaatagaat ctaattcatg ttcatgcaaa tagaagagcg   240

gatctaagac acagacaact tctttctcaa caagtactag ctgcacttct ttctcatgaa   300

gttgcaagac aggagctagt tccctctcgg ggttctaaga gccaatgctt tctatcgctc   360

agcccttacg cctgaactcc ttaacacaag cactaagaaa gcccgcgaag ggcttcaata   420
```

tcgcacctac taagacagna atgtccgtta cgatatgact acttccttct ttttngacgc   480

tatggtcgtg ccg   493

<210>   9316
<211>   519
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9316

agcttagccg ccacaaatta ctntagacca aaccatttca tatgtcacaa aatcaacatc   60

aaacgttgtc tattaagatg caaacatact agtctaacgt cttatagata cacaatatta   120

agctcattgt cttttctct caggatttac aagatatttt gaaagctntt tacaacttat   180

aaattttgaa ttcagagact aaaagatga aaaatgaatt tgacaaaaaa aaaatactaa   240

taatttcatc gcaacaaaat tcacaacaaa ggttgtgtga gggaattgtc aaacaagtat   300

ggaaaggtag aacttgcaaa agtctttgaa cagtcatcgt nttaaacttt tatgttatac   360

ttttcaaagt cattcattat gtttccctca aacaatngtc aaacaagtgc attaacatgc   420

atgcatgttg tgaatggaac aacattatac cttatcctna aacctnnctc attnccctgc   480

acttcctaac taacttgcaa caatacttca cactctcac   519

<210>   9317
<211>   491
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9317

tcttacgcag cgaacataac caaaggacaa catcctntat agaacacana acaaccagtt   60

gtcgatgggc cctacatttg aaaataattg ggtacgtaaa ataaaaacat tctatacatg   120

tatttgataa attttactta ctgattcaag taagctccta aatagacctt ttgttgggat   180

tccttaaccc atgttttaat gtaatgttga catttagcac gtctgtcctt tgcattgtga   240

tggactgagg ctcaaggaac ccatacacca caccatgacc caaggtcgaa ctccactcat   300

ccataaacct attntcatca tttgaaatga aaaattgaaa atcatgtatg ttataaccaa   360

tattaattaa tagtgatatg gtatagaatg tacttacatc atccacaatt gtagtacaag   420

3955

```
tatgtttaga catgtgtcac ctaatattat ctcatttaca tcagaatatg ttaagaagaa    480

tgatgcatct g                                                         491


<210>       9318
<211>       406
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9318

agctntgagc aaattcaaac aacaataacg ttntactcgg atgtctgatt gagtcctgta    60

atatatggag acgctcgaaa ttgaatgttg aagctctgag caaattcaaa cgacaataac   120

tctttactcg gatgtctaat tgagtcctat aatataacga gacgctcgaa gttgaatgtt   180

gaagctttga gcaaattcaa acgacaataa ctttttactc ggatgtctga ttgagtcccg   240

caatatatca acacgctcga aattgaatgt tgaagctctg agcaaatnca aacgaacata   300

tatctntaat cggatgtctg attgagtcct ataatatatc gagacgctag aggttgaatg   360

ttgaagctct gagcaaattc anacgacaat aactttcact cggatg                 406


<210>       9319
<211>       440
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9319

ctcagcttca cattcaactt cgagcgtctc gctatattat acgactcaat tagacatccg    60

agtataaaga tattgtcggt tgaattntct cagagcttca acattcaatt tcgagcgtct   120

caatatatga cgggactcaa tcagacatcc gagtgaaaag atattgtcgt cttaattggc   180

tcagagcttc tacattcaat ttctagcgtn tcgatatatg accggactca atcaggcatc   240

cgtgtaaaaa gatattgtcg tttgagttgg ctcagagctt caacattcaa tttcaagcgt   300

ctcgatatat tacgggactc aatcaggcat ccgatgtaaa agttattgtc gtttgaattg   360

gctgagagct tcaacattca atttcgagcg tctcgatata tgaccggact caatcagaca   420

tccgagtana aagatattgt                                              440
```

<210> 9320
<211> 359
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9320

```
agctngatgc attcatcttg tgggatacaa tgctgctaat gttaaaagaa tcacctttgn    60

gtagttntgt aagctatctt gtatggntcc tcctagttnt ctaggagttt gttgcctcaa   120

gtgtttatct ttgacatata ctcatcttaa tagttaacac agtgtttctc acttaaaatt   180

cacaaggttt gacacaatga ttatatttaa aggacaccct tttcttggta gcaacttctt   240

ttaattttgg aatatttcct tttctcttct atcatatcca tcccttccct taacaattgg   300

ttattggagc ttgatgggaa tgatattgga ggttcgagta caccttggat accaaatgc    359
```

<210> 9321
<211> 290
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9321

```
cgtctttta agggtataca aaagaaggcc cagganattc aaaaatttaa tgactgccca    60

cacgtactgt ctcgtggggg gtatgaactg cttgacaaga aacttatgga ggagaagagc   120

aagtgtgggc atgaggaaca ttcgtgtact gaaagcccaa cactcaatgt caacccacca   180

tccccagttg caagacactt gaagtggaag atcgcctgca caaagcggca tggccaaatg   240

acgtctgaag tggcacaaga aattgtagac aaaattgtga gttcatatat                290
```

<210> 9322
<211> 401
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9322

```
gcttgtagaa accaaagaga cagagatata tagagaatat tcagcttgta gaaaccatag    60

aaagaaaata attttntgaa ttgatntttt ttgctgctnt gagttgctta ctaattataa   120

caaaatttca cttctttcac atttgtgcat ttgctgtcac atgaaggctt gtctgtttgg   180
```

ccttattgtg aaatattatg gagtacactc gttgacaaca attntgtgtg tctactactc   240

tgctgtcata taaaaacact aaaaagaatt tgacaaaaca ctatgaagag ttaaaagata   300

tgtctagctt tctacatcgg ttcaggccan aaccgatgta gaattctaga cattctacat   360

cgattataga atgatcgatg ttgaaatctg acatctacat c   401

<210>   9323
<211>   487
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9323

gaattcaccc caattctggt gtnctatgct aacttgctcc cttatctact tgataatgca   60

.atggtagcca taacccctgc taggtttcct caacctccat ttttccgagg atacgactcg   120

aacacaacat gtgcttatca tggaggagtt ccggggcatt ccattgagca ttgtatggcc   180

ctgaagcata aggtgcaaag tctaattgat gcgggctggc taaaatttga ggagaatcgc   240

ttgtgaatcc taacattgac aagcgacacc acacatggng caatnttgaa agctgttgtt   300

atatgtctct aatgactcat caggattttt aagtctatgc cattattaac catagttaca   360

acgctaaata aaatggataa atttgacatc tttgtcccac atnctctcat aattacatct   420

gttgcttcac tggaatatgg gtgcgagcca ttgatttgtt tgctcaaaca actgancgct   480

ctgagtg   487

<210>   9324
<211>   137
<212>   DNA
<213>   Glycine max

<400>   9324

tcttgtgttg aaatccatat gctaattatg tgcagactaa atttctacaa gcaaagttaa   60

atccttctaa tacttatata ctgaaactta tgatcacgaa ggagatatta tatatctctg   120

ctggtaatgt taactat   137

<210>   9325
<211>   478
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9325

ctgcagcagt taactgaaca aatgaagtgt ccacagtcat tggatggttg cctggtagag   60

gtacatgtta taaactaata agatttcctg cgtgttaggt ataattatta agaagaggca   120

ctatatatat agactttat atataaagct tattagagtt ttaacacact cttttaaca   180

cactctccac tgttggtcct caatttattg agaattataa aatcagaata atgactcatc   240

atatgagtag ttggacctgt caaatttgtg atntttaaga catttgagcc aacaaaaaag   300

agtgttcaag agaatgtgtt agagacagag ttgctaccat ttctctggtt aggaatggtg   360

tttgtagtta ttagtgaaaa tagaaataga aaatattttc cttatgtcaa acaggcttct   420

gcattactaa ttttacgttt tacaacatta tgatagatgc atatatattc tttctttc   478

<210>   9326
<211>   85
<212>   DNA
<213>   Glycine max

<400>   9326

ttgatactga acagaccaga ccaaccacta gtgagaatca agaaatgtgc tgccaatcac   60

cctaatctta acataatagt gatgc   85

<210>   9327
<211>   163
<212>   DNA
<213>   Glycine max

<400>   9327

taatgagctg gtgaagaaga ctgtgacata tacttggtgt gaaagacaag agcaagcctt   60

ttatttgctc acagaacagc ttaccaagac acttgttgta gctcttcctg acttatttaa   120

aactcttgag ctagaatgtg atgcctctgg aatgggtgtg gga   163

<210>   9328
<211>   305
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9328

```
agcttgtagc atttgtcctt tatgtgtccc aacatgtcac agtgagcaca nttgggtctt    60

tctttcttga tgtatttccc tttattgata tcacattggt tctttgatgc agaattaaca   120

gaaaatacta tattttctaa agtattggtg ggtgggtgag taaacaacaa tctcctttga   180

gcttcttctt gaaggattag ggagaaaaca ttaccaattg aaggcaaagg atcagagatc   240

aggatctgac ctcgtatttg agagaaagaa tcattcaaac ccatcaagaa tgacattaca   300

tactc                                                               305


<210>     9329
<211>     412
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9329

cttaaaggat atgttgacta ggaaacccaa gtacattcac caggaaaata ttggtgtgga    60

aggaaattat agtgctgtga ttcaaagat  ccttccaccc aagcataaag accttgggag   120

tgtaaccatt ccttgcttaa ttggagaagt cactatggga aaggctctta ttgacctagg   180

agccagtatt aatttaatgc cattcttcat gtgcagaang gtgggagaag tggagatcat   240

gcccactacg atgactttac aacttgctga ccgctccatt accagaccat atggagtaat   300

tgaagatgtg ctggtcagag taaaacattt tatcttgccg acagactttg tggtaatgga   360

tatatgtgaa gataatgaca ttcctgtaat ttgggaaggc catcatgtaa ct           412


<210>     9330
<211>     468
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9330

aagcttccat atggggtgtn taataagact tcccgttgta cataaagcac gaagatctgt    60

ctgaaattgc acacggtggt caatgtctca acatatctgt tatacagttg tggattctgt   120

aagtcaattt aaattatcgt taattactta agttattgtt ttaaattcat acataattaa   180

ctttgtgtta ataaaaatag gcatctgact gagacaagta tgcgagcggn gaattccgat   240

gtgtatggat tcctcgagcc acagtccatc tagagatcta ggcaatcgga atttgaatta   300
```

```
gaaagttaca tgataaaatg gatgcataat tcanaacgcg atgtttacct atgagcctac    360

ctgaatggat aagtaaaact gaacaactga atttanatag tgtataatac tacaataacc    420

catattggtc tccactgcag tgcacactgg canatggtcg tcattttg                 468


<210>      9331
<211>      511
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9331

tactcagcta tataattttt ggtagagaan atatcagact attttttgtc ccaaaaaaaa     60

aaaaatattt gaatccttct ccacttgtgt caaaccaaag aatctcctac taataacaag    120

ttttaatcag ctaaaatagt ttgtttgtgt tataagaaaa ctaccaacac ctaaaactaa    180

ctattaaaat cacgcaaaat atagctaaca ttacaatact cttagaatac atggcaactt    240

tctatatgcc tttggatttc aacttaacaa gaacataagc aaacaatcag tatgaagttt    300

tggatttcaa cttaacaaga acataagcaa acaatcagta tgaagtataa aggaaaatcc    360

aagagagaga atgagaggat agtaaaacct aaggcttcac aggaagtcca tcaataatca    420

aataattaan anaaataagg ataattttta agtgagaaat gaaggataaa ttcttaaaac    480

aactataaat tattaataaa tataatatta t                                   511


<210>      9332
<211>      298
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9332

agctnnggat tcctttagta aggaatctat ccttcctaag atggagccaa acccagtcac     60

cctcattaag aaactagctt tttcttcttc tattgccttt agttgaatac ancctttgtt    120

ggttctctat ttggttctta accctctcat gcaacttctt tacaaactct aacctagatt    180

ccccttcttt atgtatanaa gaaagtgtcc agtgggaggg gaatgacgtc taacagtgtt    240

atgggattga cccatagaca acctcaaagg ggactgcttg gtggtctatg aacccctc     298
```

<210> 9333
<211> 432
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9333

```
tctagccaaa tggacttacc ttgaattaat tcctttgata gcctctttga gcctatgttc    60

ccctttcttt gttttgaagc tcattacaac ccttaagtga aaaaccatga tatcaccttа   120

cccttaagga attttggagc tttggaattg ttttgggaat aagctgggaa taagtgtggg   180

gggtatgttt cattggaaga tatgattttt ggccatgctt gatgtatttg tatattgcct   240

agttcttgct ttaatcttca aattcgttct taacaaaaac aaaaaaaaaa aaattcaatt   300

gctgcaaatt cgtactattc aaaanaaaag aagaaaagaa gtgaagttga ataaatgagg   360

tcttgttatg aggacttgat ttgggagcct tgattgattc tcgtgatatt agagggtctg   420

ggtttagtac tt                                                       432
```

<210> 9334
<211> 495
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9334

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agctttaggt tgtgctgcac aaggggggagg tatgaacatt tcaactntaa ttgttgtgtt    60

aagagtgtgc aggtagtttc taacatttgt tacttatttt tatttgtaga acaagttgaa   120

aataccatgc atttcatata aagatggggc atgaactaga agaaacaact ggcatcaagg   180

atcaagctgg acttcaacac agtgttgtga ttgttgtgga ggtcgacaat ggaaaaggca   240

aactgagagc ctactttggc gatgaaatta tgtttattat taatgagtac cacacttatc   300

anagttgtta tggtcaattt caattcatgg gtgaatgcaa gtntatgaac ccatttaccc   360

ccgatagtcc attagcaatg cctcatactc aatgcctgac tcattccana atcactctnt   420

anaggatagt cattcattgg gagaaaacgt acctcgaagg ccctatccgg agtcaagcat   480

tggtgtatat catct                                                   495
```

<210> 9335
<211> 533

cgccacggcn nnntttgacg ctttattagt gcactatgat actcagctgg agatatggga   60

cccatacatg tggaccacgt ggctggtcgg cgatggtgca caacaagttt cacattcaaa   120

tgcggcataa cccaacttcg ctggtgcgca cctccaactg agctcacgta cttccacgta   180

gcccatatgc tcgattctct taacaacggg tgcccgataa tccctccaag cttncacaac   240

attcaagtcg aacaacattc atacagcaca agctatcata gtcaagcana acagaggcaa   300

tgcagaaaat tctgctcaac acatcaagca aaatcacagc ttttctcact aaagaccac   360

aggaacaatc tcttcgatca actccgtaac ccgtggatcg acttcaagat ctactggaag   420

tctacagtgc ataagcctac attgcgaccg gtgggatcta cgtagaaaca ttcataactc   480

attctacatt actcttgtca caatcagcag atacatggga ttgtctgcac ttg   533

atcctcagag tcacctgcgg ctgcagcttg aggaatatgg ngtacccatc acatgtggta   60

ctatgtggcg gtcgggtgat ggtgcacaac aagttttttcc acatccacaa atcgcgcata   120

aacccaccat cccctgttgc ccacctccaa ctgagctcac gtactcccac gtagcccata   180

tcctcgtttc tctcaacacc gggtccccat caatcctccc aagcttcccc aacatccagg   240

taattcaaca tccaaaacat cacaaactaa caaaccaagc aaaacagggc aaaggcagaa   300

tactctgccc aaaactcaaa ccaaaatcac cgctntttct cacttaaaga ccccagtaac   360

ctttttctct agtacataag tctancgttt gaccgttggg atctactagc aaacatccag   420

aactcanttt gtactactct ntccacagcc aaccacacac aangcattt   469

<400>   9337

ttatctaatc attccaatcc actcaaatca tacaattgct tattcaaatc attctcaaac   60

attcatttca tgcaaaacaa tccactgcat atcattttca atcaattcac tattcaaaca   120

cgctttatgt acaagcaaac aactcaaagt gctgaaattt aaataactga aattaaaata   180

actgaaatat gacaacgaaa tcagctggaa atataaggtg tttaaccttc accaaaacat   240

cttcaatgac tccatatggc cttgtgatgg agcggtcaac taactggagg gtcatgcgtg   300

tgggcattat ctctatctct ccaagtcgct ggcacatgga aagaggcatt aaatcgatac   360

tagcttccaa gtctatgaga gctttgccta caacaacctc accaatataa cac   413

<210>   9338
<211>   431
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9338

agcttctatc actgccagac tacacatgtg agtccgctta taggtaaggg atgagtntat   60

cacaattagg gntagaatga acatgtgcag agattcttat aggatcaaat cgggggttat   120

tttgggatgc ttattgtatt agaattcttc atttatgatt ataataacga gattgttnta   180

tttgatggat taattgatgc cctaatgcga attggttgat aaattgagtg ctcatggtgt   240

gaaattattt gaggggtccc atgttgtgag aagcattctt gtataatttg tttgtgtttt   300

ggacaagata tactatatta gcttgatata ttgctatatc gcgatcatga cattgtgatt   360

aaaattatgt gtaagcgata aattgaatat gtgatgaatt atgagacatt aagttgtgga   420

catgggatat g   431

<210>   9339
<211>   288
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9339

agcttctaca ttcaatttcg agctcttcga tatattactg tactcaatcg gacatccgag   60

taaaaagtta ttgtagttcg aatctgctca nggcttcggt attccatttc gagcgtctcg   120

atatattacg ggactcaatc ggacatcaga gtataaaggt attgttgttt gaatctgctc   180

agagcttcgg tattccattt ctagcatctc gatatattac ggcactcaat cagacatccg   240

agtaaaaagt tattgcagtt tcaatatgct cacggcttcg gtattcca   288

<210>   9340
<211>   445
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9340

ttgagcatan tcaaacgaca ataactctct actcggatgt ctgattgagt cctgtaatat   60

atcgagacgc tcgacatgga ataccgaagc tctgagcaaa tttaaacgac aataaccttt   120

ttactcggat gtctgatcga gtcccgaaat atatcgagat gctagaaatc gaatgtcgaa   180

gctctgatca aattcaaacg acaataactt tttactcgga tgtccgattg actctcgtaa   240

tatatccaga cgctcgaaat gcaatatcga acctccgacc gattccaaca ataataactt   300

tttactcgga tgtccgattg agtcccgcaa taatccgaac gctcgatatt gaatgttgaa   360

gctttgagca aatccatacg acaataactt tctactcgga tgcctgatcg agtcccgaat   420

atatcgagac gctcgaaatg gaata   445

<210>   9341
<211>   391
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9341

gcaagcttct taagaagatt cctanagaag ctagagctta gctacacata cctctctaat   60

agctaagctc acctccttga gataagaagc tagaacttag ctacacaccc nctataataa   120

ctaagctcac ccccatgaca aagaacatga aaatacaaaa nanaagtcct tactacaaag   180

actactcana atgccccgaa atacaaggct aaaaccctat actactagaa tggccaaaat   240

acaaggccca aacgaaggag aaacctattc taatatttac aaagataagc gggcttatac   300

ttagcccatg ggctcgaaat ctaccctaag gctcaagaga accctagggc catccctggg   360

atctctagcc caatctactt ggagtcttct a   391

3965

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<210>      9342
<211>      331
<212>      DNA
<213>      Glycine max

<400>      9342

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cacattgacg tctctcagtt cgtcgcatta tttttggacc tttatagttg tcatcttgaa     120

cttttccttg actgtttgcg ccctttcaag ttctaccttc aaagcttgca cctcctcact     180

ctcctcaagg gtttcagcct cttcctcact cgaggttttt agcttcggga gacaatctag     240

ctcttgcatc cgagccttta gccacttgtg atatctactg atgatcccat tgctgcttcc     300

cttaagttct ttatcctttc ttagtgaccc t                                    331


<210>      9343
<211>      223
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9343

agcttgagat gaggaagtgt agaagggtga aacttcctgc ttttattgnt gaccacagag      60

tggtacctgg agatatgtcg cgggggtcag gagaccttat ggacgtcagg tggggtgcta     120

ttgcccaaaa ccaagcttga ccaatcccaa cccaacccgg gcatagtcgg tcaatgagaa     180

cctgtgaggt acctaaacag gcgagctcct ggcagtcaac aga                       223


<210>      9344
<211>      402
<212>      DNA
<213>      Glycine max

<400>      9344

ctcacaacat tcattagtcc aacacacact caacaaatag tcatcatcca tccacaattc      60

caatcaatca tgctcagtat gatgcaatgt ggtaccactt gacctcaact ctcaaatgca     120

atgtggtacc atccccaagg aaatagccta agcatgtcca cacgacactc tcacttatga     180

aaactaggca gtaagtgtcg aggtcaccct gtcgtgcaca agcaactccc cctccccacg     240
```

gtgatctgcc tgagtctcaa gggagttcta aactgagtga catacccccaa agtacaagta   300

tttctcctca tgagaaactg caagtactca ctgacaaagt ttatactatt ttcatgtcat   360

atgaagtatg aaacatgggc accatcaatg cactaatcac gg   402

<210>   9345
<211>   373
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9345

acctttagaa atttgaatct aaatttcaca gtctataatc gactacagag tgtatataat   60

tgattaccag agttaaaatt caaatctcaa atatgaagag tcacaactct ttagaaaaca   120

actgtgtaat cgattacacc attctggtaa tcgattacta gtgaggaatt ttcgaaaata   180

actcccaaca gtcacatatt ntcaaatgtt tttgaatggc catcaaaggc ctatatatat   240

gtgacttgtg acacgaattt ctagagagag tttttctgaa ctgagatgtc ttatcctctc   300

aaagagattc ctaggtcaaa cacttgcata ttcaataagg aatcttgatt gattttaatt   360

gaatatcctt ctc   373

<210>   9346
<211>   432
<212>   DNA
<213>   Glycine max

<400>   9346

agcttaagtg ttcacgggtg catgcaaagg cacaaggata gcgtatgtat cttctagaag   60

cttaggagga ataaagaata ttcactgtta gcatttctgt taagcagtta agcagttacg   120

taataacaga atgtataaaa tgcaagaaaa aatgctcttg aataatatca gaaaacgcat   180

tctctagttc cttcctttat ctctctatct ctctacccctt ctccttccac ggaggttgct   240

tgggcctcga aagccaagcc taacattggt gctttcattg atcctttccg ccatggccga   300

agctacatga tccaagacca gtgttgatcg ctggaagatg cattcgtgaa gctttcagca   360

tcaatgtttc caaagtttga tgagctctta tccgataaac cagaagagac tcgcttccaa   420

atcttatgtt ca   432

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<210>      9347
<211>      423
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9347

aatctgtacc tatcacgaga gtctgtggtt tatgctnctc taccgaccac catatagacc    60

tttgcccttc tatgcaacaa tctggagcaa ttaagcagcc tgaagcttat gctacaaaca   120

tttacaatag acctnctcaa cctcagctgc aaaatcaacc acagcagaac aattatgacc   180

tctccagcaa cagatacaat cccggatgga ggaatcaccc aaatttcaga tggtctagcc   240

ctcaacaaca acaacagcct gctctttcct ttcaaaatgg tgctggtcca agtaggccat   300

acgttcctnc tccaatgcaa caacaacaac cacagtagca acaacaatag agacaacaat   360

caactgagac ccttctcaac cttncttaga ggaagtagta aggcaaatga caatacagaa   420

tat                                                                  423


<210>      9348
<211>      57
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9348

tcataatctn tatttactta tgctgccact tgtgacaaca ttacatcata cccagat       57


<210>      9349
<211>      340
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9349

caaaaaatga agcttcatat gagctcttca tgatcctact agtaaaccta gcacatcata    60

tacacgagta gagatcctct tcaattactg gaaatctcta gtagaagaga agactaaccc   120

catacgcacc actcccctt gcaaaaggca agatgacatg tagcatagat aggcaatata   180

ctcactatac atgcatgcca agttatgtgt aataaaattg actttttttt tcttttgttt   240

atcaaaataa gttatctcgc aaaactaatt atcaaaatag atgttttaca taattactta   300
```

cctgtcatgt tntatcacga agaatgtaag atgtgtcacc   340

<210>   9350
<211>   413
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9350

cctcattgtc tctcacagtc tttagaattg ggagccaatc caatccttgt gtccggactc   60

tcagccactt atgatagccg ccgatgatcc cattactgct tccnctaacc tctctgtcct 120

ttcttcacgc cgcatcccat gccttgcgaa ctccttggag taccctcgcg ttgtggtcac 180

tgaaaccccg tgcgatgaaa ggcgtgatgc tttcgtctaa tggcactcct ctcatggagt 240

agccaagctg tcttatggca aggacgggat tataattaat acaacccctt gttcccatca 300

agggaacatt tggacatcct tcgcatgaag atagaatcct gattcttcct tccttctagc 360

gagggaacca attaacagac gcccctccat gctagccaag agttggtccc aat   413

<210>   9351
<211>   485
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9351

gctttggagt agaaacatgg gaccaactca ttatatttca caaagtggta tctagtcaag   60

gtctgagaga ccatacaagt ttcctagcga tttctaatta tgtgggccat taagtctatc 120

atatgctaac aatagccgag aagcccatga atttcttcgg gggcggagta agtgtctgcc 180

atcgccttgg ccttggctaa caatcgggga agttcctgac tcccgttcaa ggtaagagca 240

aaccgattca tcaacatggt tgcctcttgg tgtaaagagt cgatcacnct gtctctagcc 300

tctttnttcg cgtatacttg ggcatactcg tccgcgatcc tgtgctcgtg ggccgtggct 360

aaacttaact cttcttggta ctcggcgatg atagctagca tgtnggtctt cgtctcgcat 420

aaacgctgag acaagctcct tttggacctc gaacaggcaa ctaactcttc tttcaaacca 480

tgcta   485

<210>   9352

<211> 496
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9352

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ttatcaatat atgggtctaa cacanataat taaagggttt aaattgatta tttctagaga   60

agtagatgat ttccctgaac acaattttta tttgataggt aatatgataa aattactgcg  120

aaagttacga acttagaaat gaagagtaat ttgaagaaat aactttatat ctttgtgtac  180

tgactccaac tgaattgttt ggatgaaaga aatcatttta tctactaatc atagacaaat  240

tggagtatta ccaaatgatg cacgtattgc caatgtcgta gatataggta ctttgagaat  300

gtcttcttaa acaccaatgg ctctgatggg cagttttact agagaatttt gtaaagttca  360

aacctttgaa actgattgaa gaaggtaaga gttcccagaa ggtggagaat gcaagatctt  420

gaagacaatt agaatcgtta tttacgaaca aatgtgggag ctttgaggtg tgtgactgtg  480

aatgacttgc acacat                                                 496
```

<210> 9353
<211> 438
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9353

```
agcttctaaa ctntgtacaa gaatgaagct ctgataccac ttgttagaca agtggcctca   60

gatatcttaa gaagggggggg ttgaattaag atattccaaa ctgtttcccc taattaaaaa  120

tctatttcac tntntactca agttatgaat tcccttaatg acaatcttct taaatattaa  180

ttcaaatgaa gcaacttgaa tatgaatata aagcaataat aaataaagga gattaaggga  240

agagaaaatg caaactcagt tttatactgg ttcggccaca cccttgtgcc tacgtccagt  300

ccccaagcaa cccgcttgag agttccacta tcttgtaaat tcctttaca agttctaaac  360

acacaaggac attccttcct ttgtgntaga gatcctttac aacaagagac tcacagtctc  420

ttaatccctt agagaatg                                               438
```

<210> 9354
<211> 485
<212> DNA
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<213>   Glycine max

<223>   unsure at all n locations
<400>   9354

acttaccagt tgaagatcng aaaanaaaga agaacgaacg gtgaatatcg aagaacggtt   60

gaaaatcttc gcgtaattac ccacggaaac gttacggaag cgcctcagct tggattttct   120

tcacggaaac aattttcctc agcaatttta agagaataag aagtgctaag aaggatgaac   180

cctttcctct tcactcctcc tcctatttat agcaaaatag gggaggagct tgccacccag   240

gtcgcccagg caagcaaggt tgcttcctcc agaagcaacc gccttctgga ggaagaaact   300

ggaaggccca agtgggcctg attgctattt acacccccccc tctttactaa atgcacccccc   360

cttntacttt tttggtgatt ctttttccgt aacgttacga aactttatcg aatttggtac   420

gatacttatt ttcttttcat aagggtacga atccttacgg atcatgtatn tactctntnt   480

aatct   485

<210>   9355
<211>   382
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9355

agctnntggc tttntcccag tcattgattc ataacttgtc cctgatgtaa gctccattgg   60

agcttgtagg cctatgatct tcttcatcaa tggattcctt tgcttctcgg aagatgaatg   120

gaagcggatg agtctagaag atgctcacca ccataggtgg ccatggataa gagcttggag   180

gaagaatgag atgaatgaag ggagaggaag agaagagcat gannatttgt gctctaaaag   240

agctctgaaa tctgaagttt aatattcaaa tgatcatagt ttaaaaaatg cacacacatg   300

acctctattt atagcctaag tgtcacacaa aattggaggg aaattcgaat atcaattcan   360

atttcacttg aatttgaaat tg   382

<210>   9356
<211>   436
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9356

tggtggtctt nctactgggt ggactgatgt tactaaggat gttctctacc taacaatgtt   60

cctgagttct atgttgtctc ctggactact aaaccccgat gtctcgggca tgttcagcct   120

aatcctaatc aagcatcatc ctcagatgtc tcttgttgga ccaaacttaa ccagaaccac   180

attaagacat aacataccaa aaactaagtt accgtactct gatgtctcgt gaaaatacga   240

taagctagcc ccgtcctatc aggttctaag gatcaaacca tttcccaatg ttgagtgacc   300

ctaactaagc atgcagttgc gtgatcaagg caaaggccca ctagaattaa gtactaatag   360

cacactgaac acataaaaca ttattagata aatatgaaag tatntacatc aggtacccca   420

taggaagaac caactg   436

<210>   9357
<211>   346
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9357

ttctaggatt canagattta gattccaaga gagcacaaat cctagactta tccaaatgat   60

cttttccata caagtagctt tctcactatc ttttcctatt actttgcttc tgaccttatt   120

ataacaacac aattttttttt tctttccttt tttttttaaca tacaacttat ttgttgtgtg   180

tgttgatgct ttacccttttt ctttacatcc ctattaactt cactcccncc aaattggggt   240

aaatttgcct tgaaccatat gctctcctag aatctaagca aggtatctgg agataattat   300

ttaagttcaa gggttcaaat tttgacaata tcattcagct cataaa   346

<210>   9358
<211>   472
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9358

ntattcaaga canagcaatt aaagatattc aagatggatg atcaagacag tctatagagt   60

cttagaaagg gtatattaaa taggaaggga attccaattg aagtagcaaa aggtttggcc   120

aagaatttta agttaaaaag tcttttacaa gaaatttact ctctggtaat cgattaccag   180

aggatgtaat cgattaccag tagccaaaac tgatttacaa acagctatta aaatttgaat   240

3972

```
tcaaaatttg ccctgtgtaa tcgattacca tatatggtaa ttcanattnt aaagcttgta   300

atcgattaca catatactgt aatcgattac cagagcagat tttcagaana tattctcaac   360

tgtcacatct ttttatgtgg ttcttgaatg gctatcanag gcctatatat atgtgacttg   420

agacacgaat ttgctaagag tttttcagaa caaaaaggtc ttatcctctt at           472


<210>      9359
<211>      511
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9359

ngctntanga ataagcttaa gagacatcat tattntgata gaattcaaat tcacatgtcc    60

aagcctagca tgccacacat canaacattc aacatttgca acaagagaag aaatgctaga   120

tattctatta atagaaagag gcataagact taacttaaac aaaccatcac aaatgtagcc   180

tttaccaata aaaacaccat gtctagtaat aacaactcta ttggactaaa aaacaacctt   240

gtatccttgt tagactaaca aagaagtact tattaaaant ttcctaatat cagaaacatg   300

atagacttca tctaaaacaa gaaaattccc tagagatagc tctagcttca cttgaccttc   360

tcctaacaca tgtgtcatac tcttattccc catgttcaca gtacgcgtgc ttgattctng   420

atataaagaa aaatattttt tttatcaaca cacatatgat aattagcccc gagatctata   480

aaccaatcat ttgagttaaa acacaattaa c                                  511


<210>      9360
<211>      489
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9360

ctttatgagg gaggcttcgg gcaacataga tgcttttcaa taaaaggcaa catttgttag    60

atgttctctt gtgtccatac ttttgcagtt gtcgttttct ctgtattatt tatttcataa   120

agccattaat gtttctttat gaggatgatt attttttgtg tgcttgaaat tcaactttat   180

tggaaaaatg aaaattcttt ggccaagtga ttntgtgttg ctaaacgcat gccattattg   240

atttctaatg agaaggtcat acaattttta ttatagttgc agcctttgga tgtgcccctt   300
```

```
tccttaataa atttgtaaaa cctacattgt cacttaatta tttcattagt gacactgaca    360

cataattaat gcatatgcag cactntanaa gcataattnt gagcattact aattcagtac    420

tgagattcat tntcaccaan naattagtan ataaattgtg tactacaaaa tcagttttat    480

caatcacat                                                           489
```

<210>   9361
<211>   198
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9361

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agctagctac tacanaagtc cagtgggatt aaatntatta gtttggtatt aattgttgat     60

ggcatcctac tagcatcata cgatntagtg ttgcacaata gttatatcgc aatntatcat    120

gaattctggg tgtcctaagg tgatatatga gtaatcttgg tatgcaacac tggaaagtag    180

taaaatgtat tatgtgct                                                 198
```

<210>   9362
<211>   347
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9362

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atggaccttn tcaggtgttg gagaggatca ataacaatgc ctataggttg gaccttccag     60

aagagtatga agtcagcacc acttttaata tttctgattt aattcctttt gcaggtggaa    120

ctgatattga ggatgaggaa ccaacagatt tgaggtctaa tcctcttcaa gggggagggt    180

atgatgcaat cctctctagg aagggaccag ttaccagatc catgagcaag agactccaag    240

aggattgngc tagagctact aaagaaggcc ctagggttct catgaatctt anggtagatt    300

tttgagccca tgggtcaagg ttggatccac tcttctttgt aagtatt                347
```

<210>   9363
<211>   479
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

<400>   9363

agcttncatc acatgttgta taattcttct taatcccatt acactacaga tgctcttgta   60

tggcgtccaa tatttgtcgt ctcccgttca aacaatttat acaaggacaa aaaaaatttt   120

gtccccaact ggttgacttc tttcgaaagc aaattgtgag agctcttcga aaccttcctc   180

atatgcaagg ctcatgcaac tttcattcat ccaacttcga tccatctaaa taataactct   240

gtgatactcg caaaattatt tgatgcatga aaatctcact ttttcattat aggtgtggcc   300

ctatcccatt caggaagaca ttntttatgg tagcttcata cgtcaaggtt aagtctaatt   360

tgtaaatttg acaaaatttc ggaacatttc gattgatccc aagtaccaac atgaaatggg   420

tggattaatt cccaacatca agatgcctca gaaacactag aatgcatatc cggatttat   479

<210>   9364
<211>   361
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9364

tgtgcattca atatcctgat gagggtgttc catatgttct caaaactgga ctaatacatt   60

tgctgcccaa gtttcatggt cttgtangtg aagatcctca taagcatctt aaggagttcc   120

atattgtttg ttccaccata aaactccctg atgtccaaca agatcatatc tttctaaagg   180

cttttcctca ttctctagag ggagtggcaa aagattagtt atactacctt gctcccaggt   240

ccattttcag ctggtgtcac aacataccct tcggcggaaa ggcgacgcgg ngctcgcacg   300

tgcgtcttcc acgaaaggaa aatgcgcgga gtcaccacca acgtttattt gatgaaaacg   360

t   361

<210>   9365
<211>   600
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9365

ctgtgcattt cttctttctc catcgccaat tttagtacat catntacctc nttctnnnnn   60

nnnnaaggcc gatgcgctta gacctctgaa accgtgcgac cgcgatcttc tagtcactga   120

gctgcagctt tcgatatatc ttgtcccgta tgggcnacac tgtgtgtcga gcattcttat   180

acttcgtatg cgtactattt atactccgcg gtgaccggcc taacgcatat tacttatgtc   240

gtctctcgct ccaccttaac ggaaaataaa ttcccgcgaa cggtcgaagt cgattatcca   300

ttaacttcgt gtaaaataaa tccggaccgt cgagatagcc gacacacatt tgatattaaa   360

ataggtagaa ataatatact aatctaacaa catcttttat tgaataatgc cgataacaat   420

cggacgattc ttctgtggat gtttcattct aatcctattg actataactc aagtgaatta   480

atgcttaaat aagtcgccta gtcaggtcgt cactaaataa ggtattgagt gtttatttca   540

ttctcactag taaaggataa ttttaagcca acgcttatat gtatctctaa atcaaaaag   600

<210>   9366
<211>   458
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9366

ntaacanaat ggaaactcta aagcctaggc ccaactatag agctnttaaa accgtaaagg   60

tttacattat gcttgttgcg taaatgccgg ggcgttcctc cactcgccaa tttcccagct   120

ggaaatcagg agagcatggt cgtaccaaat ccaaagtact cggaatatca tcttcgcata   180

tcgcgaacgc ttgacctttg tctcccgaac ccgcacttat aaagcttcta cttatgtggc   240

agggcgggct tccttcacct tcttgtctcc aacgcgaact ttgaccattg ttcttccttc   300

ccgcaatgct tcttttcatg tctgcctgag cgggcttata gcctanacca tactctccac   360

gatttccttg agtatntatc aggctagtta tgccaccgt tgttnttcct aaacccatcc   420

cgggtcaaaa ccgttcccca cataactcgg ccatcata   458

<210>   9367
<211>   428
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9367

atcctctgag tcacctgccg catgcaagct ngctctanat tacatngatg tttgcattta   60

tgggaggagg ttatatgcca tttttgcttt aagagtaatg tcccactggt aaaactaacc   120

ttccaaatgt ttgccttcgc aggaatggcc ccgaggaagc ttgcctcana gaggtccagg   180

aaggacaagg cggccgaagg aactagttcc gccccggagt acgacagtca ccgctttagg   240

agcgttgtac accagcagcg cttcgaagcc atcaagggat ggtcgtttct ccgggagcga   300

cgcgtccagc tcaaggacga cgagtatact gatttccagg aggaaatacg gcgccggcgg   360

tgggcaccac tggttactcc catggccaag ttngatccag agatagtcct tgagtttat   420

gccaatgc   428

<210>   9368
<211>   397
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9368

gcagcttaca tatgcttgtt gcttgacatt acttcagagc gcaattgctc ttcccaagaa   60

agcattgttc tcaacaggtt cacctaaaag ataaattata aacagtgtca tgtttcataa   120

atcaatctac tggaataacg gggggtaata aaacatcaac tttcactttg catggtggca   180

gacaaacaat actcttatac ccaaattttg gccaactccg caaattagac taaccaattt   240

ctaccatctt agcggtgttt tgaaatttta aatttgcaac tataaccatt accaaaaata   300

taaatgatct gcaacanaat atatttggct ctgggtcgag caaatttcag acaagtgaat   360

caacaacttt ttagcatgtg aatagtcagt gacactg   397

<210>   9369
<211>   437
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9369

tactcagctt ccaaccacga cgacggcgcg aagctcggcg aggacttcaa ggttgtgacc   60

gtcgacgacc cgccggaana ttgccttcac ttctcggtgc tctcggaggc gaacgagagc   120

gacgcgccgg aggttgatat ccaacccgac gacgcggtgg cgatgccgtt ctcttncggc   180

acgacgggtt tacctaaagg agtggttctc acgcacaaga gtttaacaac cagtgtggcg   240

caacaagttg acggagagaa ccctaacctc tacctcacca ccgaggacgt gctcctatgc   300

```
gtgcttncgt tgtttcacat attctccctc aacagtgtgc tnttgtgcgc gcttanggcc    360

gggagtgcgg ttttgttgat gcagaagttc gagattggga cgctgttgga gctcatacag    420

cggcaccgcg tgtcggt                                                     437


<210>      9370
<211>      349
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9370

tatgttcacc tgctgcattt agatcaaaat tcanaatctt caatgctcaa taggctttgt     60

gccccaactc aataggtaag tgacaagntt tgccatagat aaattggaag ggagtcagtc    120

ctataggagt attgtatgca cacgtagctt tatctaattt ttgagactag tccttccttg    180

actgagcaac tattttctcc agaatcttct tgacttccct attagaaact ttagctcgcc    240

caatggtcta aggatggtaa ggtgaggcta ccttgtgtct aacactatag tgttggagaa    300

ctttcttgag ttggaatgta tagatatgag atcctctatc acttataaa                 349


<210>      9371
<211>      494
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9371

gcttctccca atttctataa taggggggaga agtgaagtag aanagggttc agccccttag     60

gcacttctct ctctttcgaa tttgcttagg aaaattgttt ccgtgaagaa aatccaagcc    120

gaggcgcttn cgtaacgttt ccgtgagtga tttcgcgaag gttttcatct gttcttcacc    180

gttcttcatc cgttcttcgt tcttcaacag gtaagttttc gaatccgaga ctctcaattc    240

atttcttgtt tttgttaagc tttcatcttt atttcgttca ttttcgattt cttttcttcc    300

ttctttaacg cgctgttacc atttatttaa gccgttttct cacctaataa atgataaaat    360

gaatttcaac cgatcatttg tgttgtaatc tcatttaatc acttttaaaa cgaaatctaa    420

tcgatcgttc acgctataac ctcggttaaa ccacaaaaaa gtaaaataat caaaatatct    480

tggaaaataa taat                                                       494
```

<210> 9372
<211> 427
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9372

```
agctnntgaa gtagatatta tttattatta taatacatgc ttatctattn gttaagtatg    60

tnttgtagtt agttaattga gacttgnggg tgtatatcag tgttttatac ttactacttt   120

gatttggtta gtgtgtgtat attacataga gtttatattt tattaattaa ttgacactaa   180

agatgttata gttttgctat gatatgaatt tgaaaattat tcgagtcgat gtatatgtat   240

atgggttggg tcttgtaaac attgctacga atgtataata tgatatatga gaataagtga   300

agtatgcgat gaattgtgag ctatgaactg tgtagtcaca caactataat actctttaag   360

ggcgacgagt tcatgcgcaa tgagttttgt gatgggcttc actatgggaa ctcgacgagt   420

taatcac                                                             427
```

<210> 9373
<211> 458
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9373

```
ctgtttgaaa agtacagtgt ctntgaaagc tataataact acttgcaagt tgatgctgat    60

gacttgcaca attggaaagg ttgggtggaa tcatgccttc accaactaac tttgatggtg   120

taaaacagat gttagtcaac tgttttttat tggcaagatt attttacttg actgaaacta   180

aaagaaaggg tgttactctt tctaatcttg ggttaagatt taaccaattc tgttgtgatt   240

tgagttgtaa atcgaagcaa tcattcacga accgcgtttg ttctataatt ggtcatgtgg   300

ttttatgtgc atagatnttt tcacctatgt atgttgtttc aatacaataa gttgaactgc   360

ctggtccatt tctttgtaat tagaagctnt atatagataa acgtcatana ctagaaattt   420

cacaactcat aatgatgtta ttatntgata ttttcatt                           458
```

<210> 9374
<211> 330
<212> DNA
```

<213>     Glycine max

<223>     unsure at all n locations
<400>     9374

agctntccta caagtcctaa ttganattct aaactagaat caactcactn tagaatccaa     60

tttccactaa ccccaaatnt ggcttntaa ccctcaaaat ctcacactnt tccacctaca     120

acactaccat tctcacattc aactctaagt taactctccc catcctctct accaattgtc     180

tatctaacct ttaagcatac atatatctca aagcatcatt attaaaccct taatcaacat     240

gcgtagttnt tcttacatca aacatgtcaa gtttagcata attacaacaa tttccttcac     300

aaacaactac cctanagcaa taacctagta                                     330


<210>     9375
<211>     473
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9375

tctataatgt tgcattctac taatatatgg agttggccac tgcttcgcct gagtatgaca     60

attggtagac cataacaatg ctatcgacgg taaaggacaa cgatttttca aataaatctg     120

tcgtacatgc aaaaataaat aagtattaac tcaatcgtac acaactgatt gcataaatat     180

aaaaaaattt atatctacaa tgtacttgaa caaaatgatt tccatagacg tgaccgatac     240

aaattatgcg atgcatcgaa ggatcntccg gtggttgact tctaagagga aagaacgtca     300

tgctttgtta gtgagacaag gatataatga ttacattata ccatgatgca atcacatatc     360

cncatgtcgg ntatatccat ccacttatcc atagtgacct gaacgaaaca aatatagacg     420

tcaaagttta ttttatagtt aagtcttata aatcaaaaac acacattaaa tac           473


<210>     9376
<211>     440
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<400>     9376

gaggaacaca accatcaaca tttaatttgt tggaaactta ctctagggct tttaacaaat     60

gaagggcaaa agaagaggac atatatgaga gcaagatgac aactttaaca tatatcagca     120

```
tacagtgaac catgttcaat tcatatgtat atatttaaga gatatactaa taaaatacaa    180

attatgttgt tagtccttca atgtttatca atctttgttc ttagtcctta aactctactt    240

gatcggtctt ggtttcagaa ttanttttct tcaatatttc taagttctat catcatagag    300

atttatctgt tggttttata agattcattg ttaatttcta gacgtattaa tattttttct    360

acatactctt attttagtat ttattttaaa tattataaaa ataattaaga gataaaaaag    420

aaaaacatta tttaaataac                                                440


<210>        9377
<211>        495
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<400>        9377

tgagtcgctg atatccacct agtccatcat atttagttcg ccgattctac acgtctccaa     60

acggaccgaa tctccgtgac tctgtctcta tgctagttcg tgctaggtca ttttttcactc   120

tttnttttta gtaaaaggaa tattttatgc attttttta tctataaaag atttcattgc    180

attttttcaaa gcttattttt gacttaaagg ccttaggttt tggtataccg tatacttgta   240

ccaagtttta taaaaataaa ttgtctattt cttttcata aaagtatacg agaatattct     300

tatgtggcaa atgaacaatn ttttcctca ataaatagca taaaccttat taattatttt    360

ctaacaattt ttttacatcc ttttagtatt aacatcacct cttagctgag tatattgaga   420

acactttaaa agtgcttctg aaacattcat ttggtgctag agggaaatat gtacacaata   480

cacatgcatg aattt                                                     495


<210>        9378
<211>        471
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<400>        9378

gcctgatcgc taagcgacaa cttatccttg gctaagcatg acctattgtc accaagctaa     60

attccttatg accataactg aggttcatga agctaagcgc caatcatggc agctaagctg    120

aattccttgc agcaatgtga gcgctaagca agtccttatt agctatgcgc atgctcctct    180
```

atacttaaga tgcatcattt tagctaagct ggtcagagcc tggcttagcg agagttgcag 240

cttttcggat ctgcaaacct cactaagcgg ccttatcctc gcgctaagcc aagcttgtgt 300

ganatattaa aaaaaaactt attttgaatt tgaaacgttg gctaagcgcg tgggtccact 360

aagcaagcct tggtgagaaa ccaaatgtct ctctggctcg cttagcgcaa cagtncgcta 420

agcaaaagta tcgaaaaact gcttaagtga gtgtacgagt agtacatcac a   471

<210>   9379
<211>   419
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9379

agctntatnt aagtcatacc tctaagcaat atgagactaa tcacacctcc ttgaggctat 60

aattaaagtg ggctaagggt gaccacaatt aaggtaactn tacaacaccc ncttcatgcc 120

cagagctatg gacctagagt gtggtgttaa gaaccttggg agaaccacac cacaaaagcc 180

aattattgtg attagagagt catagaatgt gggtttgagc ctatctcaac cccaaaagct 240

agctcatagg tagggttgtc tcccaattat atattctgtt gtggtcttat ctctagccaa 300

tgtgaggctt gagttnttct aaacacaccc cttcatgctc aacactattg gacttgatgc 360

gtggatgaca tggtgggagg gcccgttaat ggatctatga tagactctaa tatcatctt 419

<210>   9380
<211>   463
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9380

ctataatata tagtcacctg caccaatgaa agatccattc gcaatagtta tgttgccttg 60

gctgctcaga gtgataccaa gatttagcag agttgctcct aatacggtat acatagttgc 120

catttgtaaa gccgttgctt tccgagcagc tctttcagac tagcaaatca agttaaataa 180

tttcaaattt acaaaacaaa agttccagaa taacgacctc cgaattagaa aattgttctc 240

attaggaaaa tgcttagaaa tacttggtca cacatagcat acaccatgtg aagaaaaata 300

aagatttaac tattcaattg gtcattatga ttatcttcat tntaagttgt agtccttata 360

tgaaaaaant tgtaagctnt aatcatataa aagttacatt tctgtttgct aacactagag   420

tccggagaag tattgtggac gatatacaac tgttaataga cac   463

<210>   9381
<211>   395
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9381

tgcaagcttc tctgaccaat atgatagatc aagataacag cagtagcggc tgcaacagga   60

gctgaatatg caacagcaat ccaaggacgc atacccaaac gaaaactaag ttcccactca   120

cgcgccatgt agcaagctac accaagtaag aagtgtagaa caattagttc ataaggaccg   180

ccgttgtata accattcatc aacagatgcc gccttccaaa taggataaaa gtgcaaacct   240

atagccgcag aagtaggaat aatggcacca gagatgatat tgtntccata aagtagagat   300

ccagagacac gctcacgaat accatcaata tctactggag gggcagcaat aaaagcgata   360

ataaatacag aagttgcggc caataaagta tgaat   395

<210>   9382
<211>   498
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9382

catcctggtc atggatagat cacccaggtt cgggtccata agcagtgaca attgccctgt   60

gaagactcgc tttcgctacg gctccggtgg tttcccttaa ccaagccact gcctatgagt   120

cgccggctca ttcttcaaca ggcacgcggt cagagtcccg agcctcctcc cactgcttgg   180

gagcttacgg tttcatgttc tatttcactc cccgatgggg gttcttttca cccttccctc   240

acggtactac ttcactatcg gtcacccagg agtatntagc cttgcaaggt ggtccttgct   300

gattcacacg ggattccacg tgccccatgc tactcgggtc agagcgtaag ctagtgatgc   360

tttcggctac tggactctcg ccatctaggg tgcagcattc tctgctgctt cgcctagcag   420

cacgacactt tgtatagctc tccacaaccc cgttntcacg gtttatgctg ctcccatttc   480

gctcgccgct actaccgg   498

<210>   9383
<211>   427
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9383

```
agcttgtgat ggttcttcac caatcacttt gttccttcca tttccccaac ttcaaattca    60

tgagtacttt tgacgtgttc ctctntatcc actccttcca cttcaaccgt tttgtctgca   120

gtagtgcatg tttccgattt ctctggctcc ccagatccac gatattcttt tgtctcttcc   180

tgtgggtgct caatctttac ttcatccttt ctcagaanaa cttcagagcc ctcagttcct   240

ttgtcatcaa ctttatcttt caatgcaggt agttctccat cagcagcatt ggacttctcg   300

tcaataggta cctcaacatt ntctacagct ttagcttctt ctccagaaat agtggatgtg   360

ttgacatctg tatcttccac acactngtca tcttgatttt ccttacaaca tccttttcct   420

tcctata                                                            427
```

<210>   9384
<211>   271
<212>   DNA
<213>   Glycine max

<400>   9384

```
acactatgaa actaagctgt agaccgggcg atctgatcaa acatgggggc gcgctcaaca    60

cacttcatct ataacactca catgtggagg tgaacttatc aattaagggg tgcactcaat   120

aaactatttc tggaagactc tcacacgagg tgctcttaca aatcttgctc acgaaacctc   180

ttagcaggga ccaccttccc tattctccta taaatacggg gaggaggctg actctcaatg   240

gcctctgacc tctatgctga gtatgaagtt g                                  271
```

<210>   9385
<211>   357
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9385

```
tgccgcatgc aagcttaatg attgagatat tttaagagat tctccttcct tctctaatct    60
```

```
caactctaat tcaaaaatca gaatccattt aatctnctac gcttgaatat aataacttcg    120

agaataaatc gatgtcatac acaattgtgt tggatttgcc atgccctata atataaaatn    180

gtctatggtt gctagtaagt ggtgaggaca caacaattca attgatggaa agcttgagcc    240

taacagaatt cccactcctc ttctaacaga atcgtatgcg tatggagctg tagagcatcc    300

atttcccata aattgcttnt tacgagactg gatcttgcgc ctgacttcta tcaatcc       357
```

```
<210>        9386
<211>        369
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<400>        9386
```

```
ctgcacaatt gactagggtc tgttccaata gcattatatt gctgtataat gtgttgacaa     60

ttctgcagcc tcattgatga tcacttgctg gagataatcc acggagcaac ttccaatatg    120

attttggatt ggagagaaaa attttatctg aagcagagaa ggataaccca cattggagca    180

tatttggatc agataatatt tcaactaaag tntctgattc atcaacagca aaggcttgtt    240

cttcatttag agcgagttcc aacttgtgct attcgtaact cataattatg cttctcctga    300

atttattgta caaaggttat atcttactat ttgttagctc atggctattt tggtgcactg    360

tctttgtgt                                                            369
```

```
<210>        9387
<211>        324
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<400>        9387
```

```
agctttcggt cagacctgta ccatttgata cacatcggat gtagaattcc gcaaattcta     60

tgatttttca ggaatcgtgt tcatttaaaa gattgcagtg gtaagtctga ggtttgagct    120

tcaccaacaa cttataaggg gttaccttga tgaaatctta gaagcctagt gcttcttgta    180

atatacaagc atgcacatat actttatgaa gataaatccc tactggatat ttcaatgggc    240

agttttaaca tacataaccn cagagtaggt attgatgata ataaaagctg ttatgctact    300

gtccttacaa atcagttgaa tcat                                           324
```

<210> 9388
<211> 415
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9388

```
ttggtcttag ctcggctgtc aagtttgcga tatcattatt gtgattgcaa aatgtggatt   60

ctgaaacaga taacaaagaa gtggcagata agaggctttt gtctttgaat ccaacttatg  120

ctgttggttt tttgaggaga catagtatgg agttgctcat gctttggcta agacatctcc  180

atccttcact agtcttcaag ttttctatca aactccctat ttcattgctc atttaattaa  240

taatgaaatg ccttgaattt gctttcgtca aggaaaaaaa aaagagttgg gtggtaaaca  300

aactaaatnt aaaaccctgc agagagaatc ggactntntt tttggtttga tcttatnntg  360

tagtttctct ctctctgatg gttcttttct attctatatt ctatntatag ntata        415
```

<210> 9389
<211> 282
<212> DNA
<213> Glycine max

<400> 9389

```
agctgggttc gaggtactta cccgttgaag atcgatgaat gatgaagaac gaatgaagaa   60

cgtcgaataa cggtcaaaac cttcgcgaaa ttccttatgg aaacgttacg gaaacgtttc  120

ggaagcgcct cggcttggat tttcttcacg gaaacaattt ttccaagcaa attcgaaaga  180

gagagaagtg cctaaggggc tcaacccttt ttcacttcac ttctcccct atttatagaa  240

aattggggga gaagcttgcc acccagctcg cccaggcgag ca                     282
```

<210> 9390
<211> 155
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9390

```
tattgagctc gatggtaaca agtggtggat gtaatccata aacctatcat cgatgctcct   60

gaagttgggg ttattacttc aattgcaaaa gactcattca taatttccaa attggctttg  120
```

taaggagata ggcaaatcta gntactcgtt cataa   155

<210>   9391
<211>   354
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9391

atggcttatt ccctagtgga tggngcctcc cctctcctct tctcctttgc cttccgctgc   60

atctacatgg tggaaaatca tcattgaagc tcatagatct agcctccata gaagctccac   120

aagcaagctt ccatcaacat gacttgaaaa ttgggtattg tccttttcta tatttcttat   180

attactttag ggtcgacaag caagctccac aagcaagttt ccatcacatg tagatgaggt   240

tcaacaatat attgatgcaa gatggatntt ngctctagaa gttttgtgga agatatttag   300

aattacccct tacagaatat atatgtgtgt tgagagatta caaattcatt tact   354

<210>   9392
<211>   155
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9392

agcatccatt gcaacaaaat ccttcatata taccattggc caaagcccta nattctgctt   60

cagcaatgct tctagctacc acaatctgct tcttgcttct caaggcacca agttctccct   120

cacgtgatat aatatggatg aaacaccaag attca   155

<210>   9393
<211>   359
<212>   DNA
<213>   Glycine max

<400>   9393

atttcactat aatctttgat actaaataat acccttacag aaaaaaaaaa cgaatatcaa   60

gacaaacaat tagctgaata taacaatact tatgctttca aaacataggt tttcggtgtt   120

aaattaaata gcaccgtaaa taatattgcc tttttatcaa gcgtattcct gaatctgttc   180

atatttgaaa ctataatcac gtggcttatt ggctttgcat taaataggaa taagaatatc   240

taaaagacaa agttcaaagt taatgcaatg actttccata taaaaaaaat tgccttttac   300

cggaatatca acaatcaaag cacatcccaa tatccaattg caataaactc tcttacaaa   359

<210>   9394
<211>   494
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9394

agctcgctgt gagagaaaat ncacgtgagc tcncatccat gtcagatata gcatcttggg   60

tggagcaaac tgtgaaggac cgattgttct tatagcatta gtcactgccc tgtgagaaga   120

acttggtttg aaatttgatc cattcacaaa tatctttttc attaaattct gtgagtaaag   180

ctctctcttg cgactgtaaa tcggtttcca gttcgtggac atcgcttatc tcctttgtag   240

tacttctttg ggtttacttn tcctaaatct taccaagtga aggacaatga catgggatta   300

tcgcaacaac atacacactt gggtttatct gtacatgcct atgtgaattt tttccctcta   360

tatagcagga caattccgca tttaatagag tcatttaact gtcaacagtg acttaaatgg   420

tttccaacat gaatctttgg gtcggcctag tgattaataa tgtgcacttg tcttgcttga   480

ccacacttgg cact   494

<210>   9395
<211>   125
<212>   DNA
<213>   Glycine max

<400>   9395

ccgcggctga gagttatgaa gacttgaaca catgcattag cacttaacat cttggaataa   60

ggtcttaagc atgtatgtga ctactctaac ggtcactcta ttctcgcata acaacggccc   120

atact   125

<210>   9396
<211>   422
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9396

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acgaacgaag aacgncgaat aacggtcaaa accttcgcga aattccttat ggaaacgtta      60

cggaaacgtt tcggaagcgc ctcggcttgg attttcttca cggaaacaat ttttccaagc     120

aaattcgaaa gagagagaag tgcctaaggg gctcaaccct ttntcacttc acttctcccc     180

ctatttatag aaaattgggg gagaagcttg ccacccagct cgcccaggcg agcagggttg     240

cttcctccag aagcaacagc cttctggagg aatcttctgg agggcccaag tgggcctggt     300

tgctatttgc acccacatta ttactaagta caccctcctg cccttttttg ggattctttn     360

ttcgtaaagt acggaaactt acgaatgtcg taacgatact tggtttcttt ccttaatgtt     420

ac                                                                    422
```

<210>   9397
<211>   179
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9397

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gctatacttt tccttaaaaa ataagcatna gcatattctt taatgtgagt gaaaacaaaa      60

agagacaata tatctgtaaa tgttacatgg cacataagtg taataaagat taatgaataa     120

gacaaaagga gtcgagccca accccataaa aaatagttgg aatgaataaa agtacaagc      179
```

<210>   9398
<211>   504
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9398

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aagcgacctg cggcatgcaa gtaannaact catcaatcac actgtgaata tatttatatt      60

cttgtaataa tattttttca tttgtaaaat tttaatgaag gagattgagc ttcactcggc     120

gaacgaaatg ttgatatttt ctgaactcct ttnttgttgt taattgtttt ggccccattt     180

tccctaacaa gccaaattcc taacatgaca ataaatgaag gttgtatgct tcggcacgat     240

atatacgatc agttctgtta ctcttacgtc ataaagaacc agtaaatact cttttgcaaa     300

aattcaatcc atatgtaaaa agggacatat aaaaagttgt gtatagtaaa agcataataa     360

aattatacaa ttaaatgaaa gaatcataaa tgttttgatg tagaaaagga aaattaacga     420
```

```
aagtgataca atggatatat atccgattcc accctctagt ctttgtgtgt attgactcca    480

tggtccctac cccttaagca acac                                          504


<210>      9399
<211>      169
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9399

tttacaaatc ataatgatca ttgatgcatg ntcatactat gaaaagattg tatgattctt     60

tttcattatt aagatntaag cttgtataaa ttatgtgtct ccttttgttc ttatgtttgg    120

acatgcagtt aaaaaaattg tcttatgaaa ataatatcat ttttatgag                169


<210>      9400
<211>      289
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9400

agcttggatt tccttgtagt agggaatcta ttcttctaag atggagccaa acccagtcac     60

cctcattaag aactagctct tttcttcctc tattgccttt agttgaatac accttttgtt    120

ggctctctat ttgggtctta accctctcat gcatcttctt tacaaattct gacctaagat    180

tcccttcttt atgtataaaa aaagtgtcca gtgggagggg aatgaggtct aacggtgtga    240

ggtgatngaa cccatagacc aacctcaaag gggacttgtt ggtggtttc               289


<210>      9401
<211>      385
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9401

tacatgcact aagcgcactt ccaatgatgt aaacacagaa cagtgatggc gcttagcgcc     60

tccatccncg ctaagcccag ctagagagct caacttacag agtgaatctg gggcttagca    120

tangagagcg cgcttagcac aactataata taatttcaca aagaggaagt ggcgcttagc    180
```

```
aaatcatcca cactaagccc actacttaag gtgaaactta cagtgaagat attgggctta    240

gcgcagcgat gtgtgcttag ttgaaccatt cagcttaatc aatcaagggc ccttgcgcct    300

atgaaagggt ctatctattn taggactcaa agggtgtaat cacctggatt ggccctagtc    360

atgcaccata tgcagcanat catgt                                          385


<210>      9402
<211>      434
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9402

agcttcaggc tgctcaattg cttcagattg ttgatataag gtcaaaggtc tgtgtggtgg     60

tcggcagagg agcataaacc acagagtctg gctacaagtg cagatntttt attcatggcc    120

agttgggtta ccaggttaac caaggcctct agtttacctt caagcttctt agtctcgatt    180

gatgaagatg aatgcgtggc tacttcatgc actcctctaa tgacaatagc atcacttttg    240

gcactaaatt gctgggagtt ttaagccatc ttctcaatta aatntctggc ttcagcaggg    300

gtcatgtctc caagggctcc accactggca gcatctatca tacttctctc tatgttactg    360

agtccttcat aaaaatattt gaggagaagc tactcagaaa tctggtggtg agggcaactg    420

gcacatagtt tctt                                                      434


<210>      9403
<211>      193
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9403

tggatgtagn ggtggaggag acctccttac ttcactctac ttctttctca ccatgactca     60

nggagttctc tttcttctgt ctccttcttt acttttattg cacttgtcca aatttaattg    120

attgctttga ttggtcttga tcttatgatt gtgctacatt gacgacaatg tgttgtttaa    180

gtgtgagggg gtg                                                       193


<210>      9404
<211>      446
<212>      DNA
```

<213>   Glycine max

<223>   unsure at all n locations
<400>   9404

agctnttcac ataaaaaaca acttcatcat tattatcatc atcggtaaca ctaaatacaa   60

tgcacaagaa gcatatctct ataggaacac atgcataaac acaagacata aatgttaatg   120

tagcataata atgacaataa caacaataac aaatatatta taaacaacat aacaacatcc   180

aaataagggt tctcattaag gtatattcct agtactcaaa acttaacact tacaacactt   240

aagtctgaca aatccccaca actgtgttgg tgctcatgac tatcaatttc ttttctagta   300

cccttctcac acatctgtgg gctaggttac actattggtg gtgaactctt gaggaaaatt   360

ctcttctagc ctctttccaa cacatatgtg agcatagcca actagtgcga gcgtgtcaaa   420

aattttgata gcaaaatttt aagttt   446

<210>   9405
<211>   413
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9405

atactaagct tctaaacnta tacaagaatg aagctccgat accacttgtt tgtcttctnt   60

aaagatcttc attcaggttt tccaataatg ataaccctca ccattgaaca tatgagccta   120

ttgatagaat nttcctcaga aaatggaaat ttggatgagg ccatatctat tcttgaagtt   180

tctaaacttt atacaagaat cctgctctga taccacttgt tggaccttgt ggcctcaata   240

atcttacgag ggataggctt agaatacaga agaagcaaca acaatcaatt taacaatgtt   300

ctttaaacat gcaagacaca attgattgca acaaataaa taagataagg gaagagaaaa   360

tgcacacaca actttatact ggttcgggca ctttccgtgc ctacatccag tac   413

<210>   9406
<211>   393
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9406

agctntccca cagtcctana ggacatttta aactattatt aactcactnt aacctccaat   60

tacaactaaa tccagattta gctcttcaca tccttaaagc atcggatgtt tccactcata   120

tcactacatt ctcactattt aaccctaggc taactctact cttcatctct atcagctttc   180

catcagccat ntgagcatac aagcatcaca agcatcatca tagaaaccct ataacagaat   240

gggtaagctt gactcatacc aaacatgaca aggttaacat ggctttcatc agattcttca   300

caaataacta tcatgaggca taaacctagt aaaactaccc atcataactc ccgaaaccca   360

atacccacga tagatcatgt gagaggaagt cta   393

<210>   9407
<211>   406
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9407

tccatcacga tgcctctcat ngccncaacg taaggctttg agtgttccaa tangcatctn   60

tcatcatgac cttgtacctg tgaacctatt gagtgagaac ttctaatctg cccctaggtt   120

tacttgaggc tcatgcacgg tgcctctcat tggcctagtg taaggctccg aggtactaat   180

cgttgtcttt cgtcatgacc ttgtagtacg gaacctattg tgtgagaact tctaatttgc   240

cctaggttca ctcgaggttc atgcacgatg cccctcattg ctccagtata cggctctgag   300

gtaccaatcg ttgtctatcg tcatgacctt gtagcatgga acctattgtg tgagaacttc   360

taatcctgcc ctatgttcac tcgaggttca tgcacgatac ccctca   406

<210>   9408
<211>   365
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9408

agcttctnnt ttagacctcg atctttttttc tntcttgtcc gacgccgact gtcatttgtt   60

tcgatcaata tcggtgaata atactctttt tgccgaggtg ggctaatgtt ntcctggccg   120

aataaatggg aacatgccag tttcgggcga aacgaaacat cggttgagct cgcacgaaaa   180

aacctagccc acctacattg taagttttt atgcaacacc gaaacaagat aaccttccct   240

gccgtaagaa aaacattatc gggcagcgag cttttttcтt aanaaaaatt gcgcaatgtc   300

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agctgaaaat  atcacgccgn  gccatttcac  gaccgatgtc  gtgtattctg  ttgtttattc   360

aatcc                                                                     365


<210>      9409
<211>      539
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9409

ggcagtatac  attcgannac  ggagagagtg  aggaggaagc  cttgttcgag  gtacttaccc    60

gttgaaaatc  gatttacgtt  taagtactat  tgaagaatgt  ccaagaacgg  gtgaaacctt   120

tgcgaaattc  ctcacggaat  acgttacgga  aacgtntctg  aagcgcctcc  gcttagattc   180

tcttcaccga  aacaactctt  ccaagacaat  tcgaaagaga  gagaagcgcc  taaggcgctg   240

aacccctatc  gtcatcactc  tcttccctat  ttatagcaca  ataggggagg  tggttgtcgc   300

ccagctcggc  caagcgagct  cagcttcgcc  atccgagctc  agttgcttac  tccacaagca   360

acatccttct  cgaggaatat  tctggacgcc  ccatgcggcc  ctggtcactc  tccatctcca   420

tcttctctat  ccccatctat  acatcttctc  ctcccccatt  cctctccacc  tcatctcttc   480

ctctcctccg  cccctcccgc  ctccatatct  gtcgcccact  ctgtctgctc  ctctctccc    539


<210>      9410
<211>      157
<212>      DNA
<213>      Glycine max

<400>      9410

ttaatatatg  gatccttaat  cgaacatttt  cttcttttct  tcttcatcat  ttaagaattc    60

ctttccttgc  tctgatagag  ctcaaccaga  gccaagcttt  gataccactg  agtcctgaac   120

acactaaagg  ggggggggtg  cgctttccgt  cttatcc                              157


<210>      9411
<211>      440
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9411
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gttcgatcga ccttatatga agaagaaatg gactttcttc tgcttacata tttattcaag    60

attattacga aagttaaaaa taagtcatct atataaaatg caaaactgat catgttttgt   120

tttactttg ttttggctac aacctccccg acaaaaaatg cacaggcact tatttctgca    180

tggaaaaccg gtgagacgat gccattcata tttgacacgg taacttatta tttatcatgc   240

agatttacca tatggagcca cttaatgctc caactgattt gtttgaattg taattatgag   300

ttatgatagt ttaaacttac gaatagtttg gttcagaaat ggtgtattat tccttgatct   360

ggcaggtctg ggacttgatt aaattggcag attatctaac acacagagag gatgtagacn   420

cttctaggat aggaatcact                                                440


<210>       9412
<211>       332
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<400>       9412

agctntacgg gtatacagaa caacatataa agccctcata tgacttatct ctttnccagn    60

nggcctatgg aaaatcttgt cacctaccta ttgagttgga acataaagct ctttgggctt   120

taaaatttac gaacttcaac tcagatacaa ctggtgaaca taggaagctc caactctatg   180

aattggagga actgatggtt caagcttctg agaattccaa gctttataag caaaaattaa   240

aaatctatca tgacaaaaag ctatcaaaaa gaaattttca gcctagtcaa caactattgt   300

tatttaattc tcgattaaga ttgtttccag gt                                  332


<210>       9413
<211>       261
<212>       DNA
<213>       Glycine max

<400>       9413

gagcacagga cagtctcatg gcattgtata gtgaccaacc tgatgcccta tgatcaaaac    60

acaatgcagt gaccatgcat tgaaagcttt ccaagaaaca cattaagtcc gggctcaagt   120

aacgaactgg aaacttctcg cttatgtctg gttgaaacga gaaacaagc ttatgatcat    180

atagtgattc tattagttct tctatcaaga gaacaagtgg tcatataact tataacgatg   240
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cctacttgaa ttatgaacca t


```
<210>      9414
<211>      321
<212>      DNA
<213>      Glycine max

<400>      9414

tgcacgcatg catgcttaca ccacggtggt cttttagtag aagtgttcgt tatcttgcaa    60

cgaaggatat gtaaaggcgg atctgtgtta tggatataac aacactggag ggtgccaaag   120

atggcaagat ttaccaaagt gtaggaatcc tggcgatttg tttgtgaaaa agactctttt   180

ccccgattat gaaaatgtaa cttttgaaat gaatccggct tttggctaca gtgatcgtga   240

ggccagttgc tggagcaatt gtagttgcga tggattcagc gcatcatggg ttaatgaaac   300

tggatgtaca ttctatcatt g                                             321


<210>      9415
<211>      225
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9415

aacaataaat gaattgaaat tctcgaattt gaacacttac cggttaaaga ccgaagaacg    60

aacgaagaac cgtgaagaac ggtagaaaat cttcacggat tggctcacga aaatgtctcg   120

gaagcgttac aaaagcacct cagcttggat tttcttcacg aaaatacgtt tntttttact   180

taaaacagct gaaatgcata gcatangggt caaggatcct ttgga                   225


<210>      9416
<211>      318
<212>      DNA
<213>      Glycine max

<400>      9416

cttggccttt atgctgttca ccatgttgct ctttctatct ctattcattt tccatagaca    60

ataaatgact agcagatcat ggttactcgc ttcttggagt gtgccatctc aaagcaacac   120

agagagcatg caaatccagt gcacaattct cccaacagat gtcaagaatt tggatttaaa   180

ctcatcatca ttcttcttca ataacatttt cataatcttg ctctttttga ggcatgtgat   240
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gtcaaacaaa tcaccataga gccttttgct gtcaacatgt accccccaaaa gattcgacaa   300

atgcttttct atgattag   318

<210>   9417
<211>   255
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9417

gatcttagag cgacctgcgg catgcaagct ngtggtttct ttctcattct ctcaaccaat   60

gngtatatat agaagagagt gagagaagag aaggtgctcc tcatctcacc gctctttagt   120

tcttcttcct tcaaaactcg aatgacccat ttctatgttt ttcgtactct tgcaattcct   180

gaggtaaaga tacaagcttt gctcttctgc tcactggatc gggttccagg aattcaaggg   240

taggttcaaa agggg   255

<210>   9418
<211>   220
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9418

agcttgtctc tcaaagctaa taatcagctg gcttagntgn tgttatgaac ataggcaact   60

acgattntat tatgaagcac gtatctctta cataggggac atcccactac tacaaaaagc   120

agatttaaca tcggcagttt aacatcggtt tttaacaaaa ccgatgctaa cgtaaatgcg   180

gaggcataac tgtaaatact acgtatcgat taacattggt   220

<210>   9419
<211>   408
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9419

caagcttgaa tgctctattc aatggagttg actagataat cttcagactg atcaacacat   60

gcacagtggc caaggatgca tgggagatcc tganaccac tcatgaagga acctccaaag   120

tgaagatgtc cagattgcaa ctattggcca caaaattcga aaatctgaag atgaaggagg   180

aagaatgtat tcatgacttc cacatgaaca ttcttgaaat tgccaatgct tgcactgcct   240

tgngagagag gatgacagat gaaaagctgg tgagaaagat cctcagatcc ttgcctaaga   300

gatttgacat gaaagtcact gcaatagagg aggcccaaga catttgcaac ttgagagtgg   360

atgaactcat tggttccctt canacctttg agctaggact ctcggata   408

<210>   9420
<211>   292
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9420

ttcttgcttc tttttcttcc ttctttgtgg gaaacacaga ttgagtgtct ctctctgaaa   60

gacgcgataa ctcatgagac ctcatcctat cttttgcaa atctcttcgg cggctccctc   120

agagtgtatg ttttgtctga tttagtcact tgacaacttt ggagtgactg caagagagcc   180

atttgacatc taatcaatca atcgaaatat tgatcctang gttttcccct ttcctcttaa   240

aactttgatt attctgcaca acaagaaata cataagactt tgggatcaat cg   292

<210>   9421
<211>   135
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9421

agcttggagt ttccaagtgc caatnncgcc tcttcntatt ccagtcttct tctggcttca   60

attcatcagt gggctttcct tctgtgtcca gcatcttggg atgatcccag cctttgatga   120

caggtttcca tgttc   135

<210>   9422
<211>   436
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9422

agcttgaaca ccacatttcg atgtcgggtc ttgctttgtg ttnattntnn gnnaaaccnc   60

ataagatttta cattataacg gaacagttta atcaacaaaa attacatcat gtttgaagtg   120

atgaaatggt gtaaaaatgt gaaacattag actagtatga accactccat tcgacttggt   180

gtttgtgctt catggattca agttgcggtg ttgccgcgtg tttgtcgttc atagattcaa   240

tttcacgcta gcaggcgaat tcagagttta aaataagaga aacacaaccc aaattcacat   300

tgtaatgatg gtggtgagtg aggagccaag atctaatgtt ggagacctat aaacaagggg   360

attgtgccca tctgactgca attgcaatat atatccactt ggttgcaagt ggaatagaat   420

aaacccttca acaaaa   436

<210>   9423
<211>   285
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9423

cgaatgattc gctattctct tgtatatatt ataccgactg gtactctgga atntggactc   60

tactacttgc gtgcggcaaa gttcaattct atgaccgtgt gttgcagtta tcagaaactc   120

tggaatctgg aatctgggtt taatttcact acaatattcn tttataatac tcaatggctc   180

atactcatta ctcactcctg ttctgtctct cagtgctcca acgattccct gccaacaata   240

tagattgtgt ggtctatgat actactgtca ctgtactcca actca   285

<210>   9424
<211>   409
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9424

agcttgaggg taaagtctca cgattgtcac gtttcatgca ataattgtta gccgtggcta   60

tacgagacat cttgccaaac aaagtcaggt taacgataac tcgcctgtgc ttttcttcc   120

attctatatg tagcacagtc attaatccag tcatgtttga tgagttggga aatgaggccg   180

caattatact gtgctagttg gagatgtatt ttccccctgc tttctttgac atcatgattc   240

acttggttgt gcatctggtc agagaaatca aatgttgtgg tcctgtttat ctacggtgga   300

tgtacccggt tgagcgatac atgaagatct taanagggta tacaaagaat ctatatcgtc   360

cagaagcatc tattgttgag aggtacattg cagaagaacc attgaattt   409

<210>   9425
<211>   420
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9425

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caaacatatc taaaatcatt ttaaaacatt tcacgaagca ttttggtcac tggtaatcga   180

ctacatcctc tggttatcga tgatcagaga gtcaatctct tcttaaaaac catttaactt   240

gaattctttg gccaaacctc ttgcacgttc aacttggaat tcccttccta agactctaga   300

gatcttcttg atcattatct tgaatctctt gcattctcgg attctcgtct tgactacaac   360

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<211>   176
<212>   DNA
<213>   Glycine max

<400>   9426

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ccatgtggtc agatgcctgt ttgtctggta tcaggatttg tccatgacct tgatgt   176

<210>   9427
<211>   395
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<400>   9427

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gcacattagt gaatttcggc ttagcgcgtg ctgcatgtct cgattcttac atgcttgtga   180